

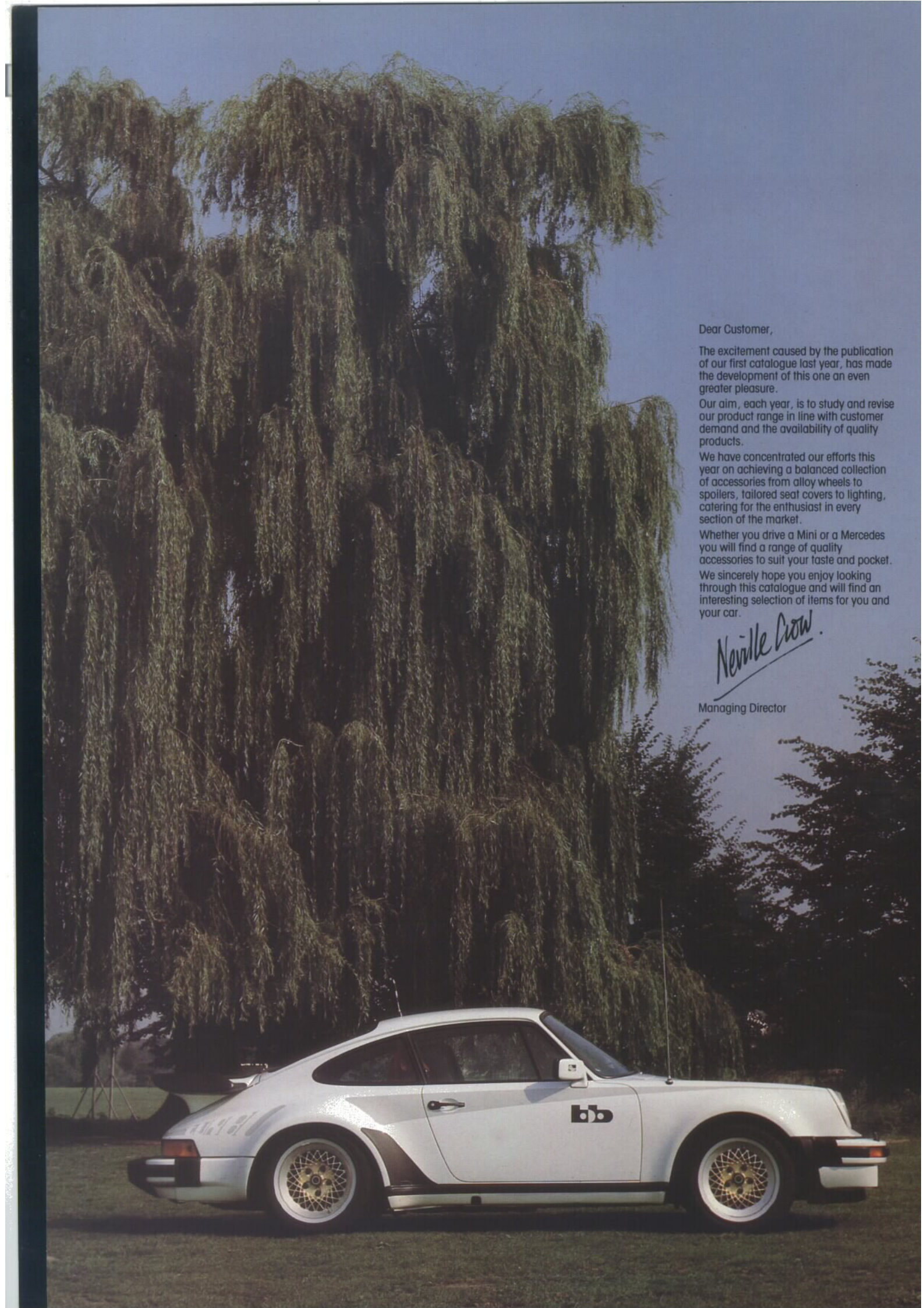
THE CARNOISSEUR COLLECTION

MOTOR ACCESSORY CATALOGUE 1983



A Comprehensive Range
of Quality Motor
Accessories

£1



Dear Customer,

The excitement caused by the publication of our first catalogue last year, has made the development of this one an even greater pleasure.

Our aim, each year, is to study and revise our product range in line with customer demand and the availability of quality products.

We have concentrated our efforts this year on achieving a balanced collection of accessories from alloy wheels to spoilers, tailored seat covers to lighting, catering for the enthusiast in every section of the market.

Whether you drive a Mini or a Mercedes you will find a range of quality accessories to suit your taste and pocket.

We sincerely hope you enjoy looking through this catalogue and will find an interesting selection of items for you and your car.

Neville Crow

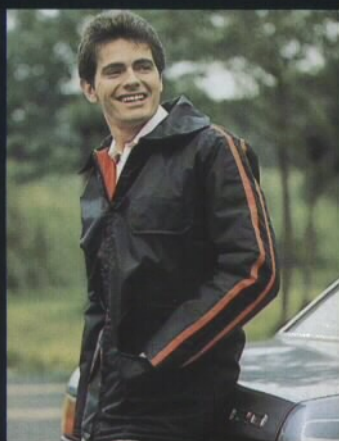
Managing Director

THE CARNOISSEUR COLLECTION

MOTOR ACCESSORY CATALOGUE 1983




THE CARNOISSEUR
COLLECTION



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THE CATALOGUE PRICES

Please note that all prices **INCLUDE VAT AND POST AND PACKING** (UK Mainland only). All prices in this catalogue are correct at the time of going to press at October 1982 and our priority is to negotiate with our

suppliers to keep prices constant for as long as possible, however, price adjustments may inevitably have to be made and therefore we reserve the right to alter prices without prior notice.



BUYING BY MAIL ORDER

Everything you need to know about buying by mail can be found on the special Order Form

section at the back of this catalogue.



BUYING BY TELEPHONE

Credit card holders can telephone their orders direct by phoning

LUTON (0582) 429092 (24 hour answering service).



THE WAYS TO PAY

1. Cheques. (Please do not send cash through the post).
2. Postal Orders.
3. Credit Cards. We accept the following cards: Barclaycard,

Access, American Express, Diners Club.



CARNOISSEUR SERVICES

Customer Advisory Service: Enquiries and product information can be answered by telephone on **LUTON (0582) 429092** Also a 24 hour answering service will accept your message any hour of

the day or night and your enquiry will receive our prompt attention. Export enquiries are welcome. Please write for details and quotation.



CARNOISSEUR GUARANTEE

If any of our goods arrive damaged or to the wrong specification, contact us within 14 days on **LUTON (0582) 454054** for the returns address and your returns number. Providing the goods are returned

carriage paid, we will refund your money in full or despatch the replacement goods without question. **Please note** that no goods can be accepted without your returns number.



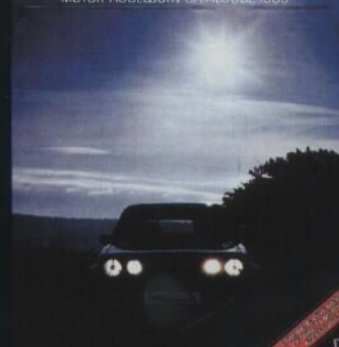
TRADE DESCRIPTIONS

Every care has been taken to ensure description and specifications are correct at the time of going to press at October 1982. We must, however, reserve the right to alter prices and specification without notice

as circumstances dictate. Although the colour printing in this catalogue is a good representation, slight variations must be expected. All products are offered subject to availability.

THE CARNOISSEUR COLLECTION

MOTOR ACCESSORY CATALOGUE 1983



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WHEELS





ALLOY WHEELS - A MARK OF DISTINCTION

There's no motoring accessory that marks a car so far apart from the common horde as alloy wheels. With their unique combination of styling flair and purposeful performance image a set of alloys is the signature of a car of sophistication. That may be your sole purpose for a purchase of wheels but you should also be aware that these finely engineered pieces of hardware, produced and tested by ultra-modern techniques, have some considerable practical value. First there's the weight saving over cheaper production steel wheels. This gives small fuel economy gains and a little bit of extra performance but the major advance is in the reduction of unsprung weight which can show improvements in ride and handling characteristics. And new wheels also open up to you the possibility to change tyres - perhaps the greatest leap forward in handling, steering response and braking that you could make would be a switch to the latest ultra-low profile designs pioneered by Pirelli's renowned P7 and P6 types.

SELECTING THE RIGHT WHEEL AND TYRE

There are two critical measurements to be made in matching an alloy wheel to your car. The type of wheel stud fitting is a combination of the number of studs (4 or 5) and a measure of the diameter of the circle drawn through the centre of the stud holes (known as the PCD). The wheel offset and whether it is a positive (inset) or negative (outset) dimension is also important (see diagram). But don't worry too much if you are simply replacing your existing steel wheels by alloys of the same dimensions. Our comprehensive reference service will give you the exact model application you require. To step up to a wider wheel or, possibly, a larger diameter in conjunction with lower profile tyres you may need to take some expert advice - it is a service we are only too glad to offer.

Selecting tyres is considerably more complex. You must always bear in mind

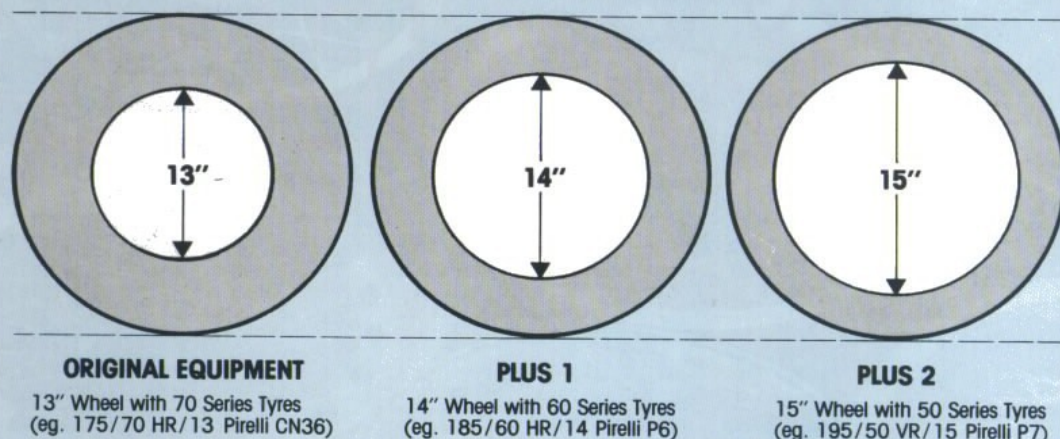
that the lower the profile of the tyre you would like to use the greater the wheel diameter may have to be to preserve the same rolling diameter so there is no change in the car's overall gearing and the speedometer and odometer remain reasonably accurate. But to take full advantage of lower profile tyres the tyre and rim width must also be increased. As there is a limit to the clearances under the wheel arch great care should be taken to ensure that the tyre is not too wide. Only careful cross-referencing between the wheel application list and the catalogues of the tyre producers will reveal the maximum tyre and wheel size that any model of car can take without extensive modification to bodywork or brake and suspension configurations. Note that the profile of a tyre (also known as the aspect ratio) is an expression for the ratio between tyre height (from bead to tread) and tyre width. Standard tyres are approximately 80-85 % profile, earlier lower profile designs now in widespread use are 70 % while the latest

ULP designs like the P6 and Dunlop D3 are 60-65 % profile. The lowest profile of all is presented by the very specialised P7 design at 50 %.

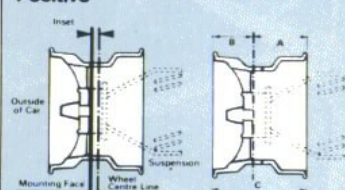
THE ADVANTAGES OF ULP TYRES

The breakthrough to lower profiles than 70 % was made by Pirelli, a company whose researchers recognised that energy absorption by the tyre could be reduced if the tyre height was reduced and the reinforcement of the tread area made extremely strong. This limits the flexibility of the sidewall and improves steering response. The fact that the tyre is wider gives enormous improvements in grip both for braking and roadholding as well as resisting breakaway under hard acceleration. The P7 tyre was the revolutionary upshot of this thinking but to gain much wider appeal it needed the P6, a tyre that can be mass-produced and used successfully on lesser machines. Most other major tyre manufacturers now produce ULP tyres with profiles in the 60-65 % range.

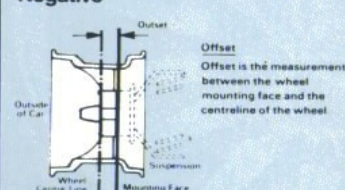
EXAMPLE OF UP-STEPPING



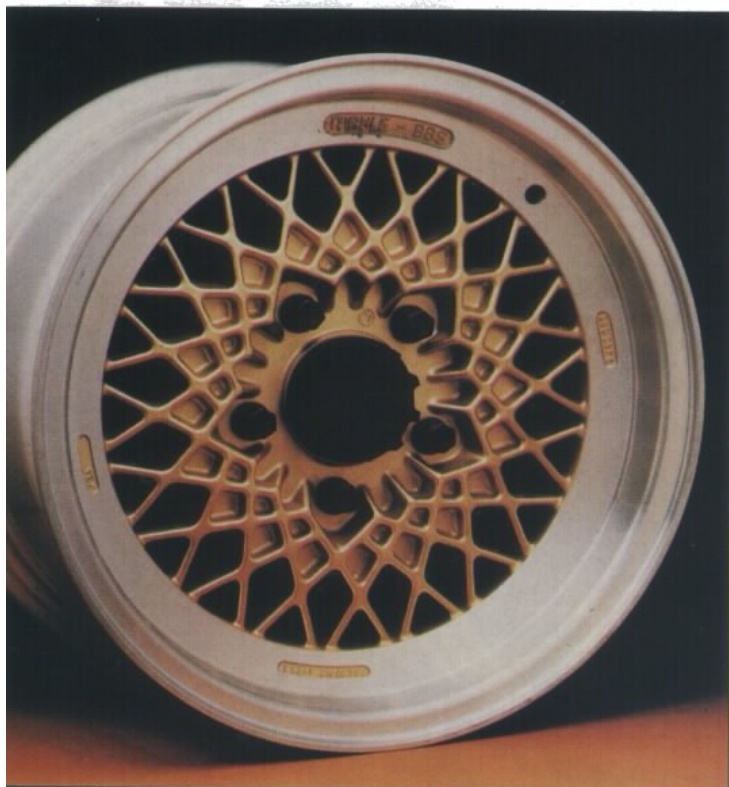
Positive



Negative *



*Mounting face to rear rim (A) less half width (C/2)



BBS WHEELS

The ultimate alloy wheel for prestigious European cars including: BMW, Porsche, Mercedes, VW / Audi and Alfa Romeo.

Manufactured to exceed even the stringent German TUV standards. In sizes to take low profile 50/60 Series Tyres - Road-Hugging Pirelli P6's, P7's and CN36's.

BBS Mahle

	Example	Size	Price
CC2500	BMW 3 Series	6 x 13	£68.54
CC2501	BMW 5,6,7 Series	7 x 14	£77.86
CC2502	VW Golf	6 x 13	£63.88
CC2503	VW Golf	6 x 14	£75.15

Available in Silver or, at extra cost, Gold / Silver. Please telephone for details.

SERAL

	Example	Size	Price
CC2504	VW Polo / Derby	5 x 13	£58.76
CC2505	VW Golf / Passat	5 1/2 x 13	£58.76
CC2506	VW Golf / Scirocco / Jetta	6 x 13	£61.02

Available in Silver, or at extra cost, Gold. Please telephone for details.

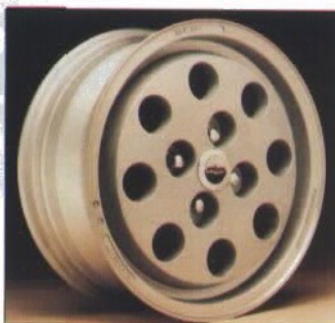
(Prices are for single wheels and include nuts and caps.)



SLOT

Ref. No.	Size	Price
CC2242	5 x 10	£37.15
CC2243	5 x 12	£46.92
CC2244	5 x 13	£52.46
CC2245	5 1/2 x 13	£38.55
CC2246	6 x 13	£57.51
CC2247	6 x 14	£65.32
CC2248	6 x 15	£69.23
CC2249	7 x 15	£71.46
CC2250	8 1/2 x 15	£73.12

Polished finish only



SONIC

Ref. No.	Size	Price
CC2251	5 x 12	£33.46
CC2252	6 x 13	£56.90
CC2253	6 x 14	£69.05
CC2254	6 x 15	£69.71

Available in grey or white please specify



TURBO

Ref. No.	Size	Price
CC2255	5 1/2 x 13	£52.98
CC2256	6 x 13	£56.89
CC2257	6 x 14	£69.71
CC2258	7 x 15	£76.06
CC2259	7 x 16	£79.75

Polished finish only

- ☐ Prices shown are for single wheels only.
- ☐ Prices include nuts and centre caps.
- ☐ Please state when ordering: Make, Model and Year of Car.



Le-Mans

Can-Am

Monza

Daytona



Mistral Silver

Mistral Gold



Saf

Nova

Carmona Wheels are used for racing, rallying and everyday driving. A more pleasant, precise and safer way of driving.

SIZE	LEMANS CC2033	CAN-AM CC2034	MONZA CC2035	DAYTONA CC2036
5 x 13	—	49.72	49.72	49.72
5 1/2 x 13	—	54.60	54.60	54.60
6 x 13	—	59.57	59.57	59.57
7 x 13	—	64.53	64.53	64.53
5 x 14	59.57	59.57	59.57	59.57
6 x 14	64.53	64.53	64.53	64.53
6 x 15	74.47	74.47	74.47	74.47
135 x 165	74.47	74.47	74.47	74.47
150 x 365	—	—	74.47	—
150 x 390	74.47	74.47	74.47	74.47

SIZE	MISTRAL GOLD CC2037	MISTRAL SILVER CC2038	SAF CC2039	NOVA CC2040
5 x 10	26.45	26.45	—	—
5 x 12	29.32	29.32	—	—
5 1/2 x 12	32.20	32.20	—	—
5 x 13	35.07	35.07	—	—
5 1/2 x 13	36.80	36.80	—	36.80
6 x 13	38.52	38.52	38.52	—
7 x 13	43.12	43.12	—	—
6 x 14	40.82	40.82	40.82	—
7 x 14	44.27	44.27	—	—
6 x 15	44.85	44.85	—	—

- ☐ Prices shown are for single wheels only.
- ☐ Prices include nuts and centre caps.
- ☐ Please state when ordering: Make, Model and Year of Car.

CARMONA
WHEELS



ALLOY WHEELS

Colours and Finish

All styles and sizes of wheel are available in the following colours and finishes. Please quote reference number when ordering:

- S.P. — Silver with clear poly-coat
 S.P. — Silver Centre with machined rim and clear poly-coat
 S.P. — Black background, rim and face machined and clear poly-coat

All sets of wheels come complete with set of lug fixing nuts or bolts in chrome, and centre caps.

STYLE TF1050

5 x 10

BL Mini 850/1000, DAIHATSU 360, HONDA 800/900/1000, RELIANT Robin/RSR, SUBARU 800

TF1050 set of 4 £112.32



STYLE TF1250

5 x 12

BL Mini 1275 GT, Metro 1100/1300 GT, DAIHATSU Charade, DATSUN 100A/120A, FORD Fiesta 1.6/1.1, HONDA 1300/1500 Civic (pre 85), SUBARU 1000

TF1250 set of 4 £137.58

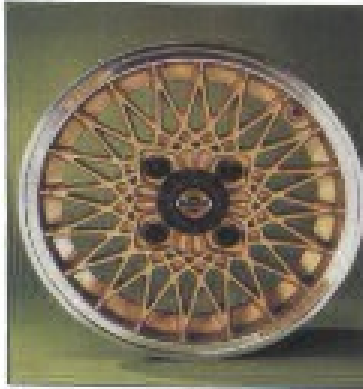


STYLE TF1351/2

5 x 13

ALFA ROMEO 5/5C/15M, BL Allegro 1300/1750 Max 1500/1750 Metro 1300/1800 Sprint/Midger, 9000 Equipe, BMW 1500/1800, CITROEN 1200/1400, DAIHATSU 1000 Avenir, DATSUN 1200/1400/1600, FIAT 127/128, FORD Escort Sports 1600/MkII 1.3, HONDA Prelude/Civic/Quintet, LADA 1200/1500, LOTUS 7/Europa, MAZDA 1200/1500/1600/1800, TALBOT Horizon, TOYOTA Sprint, SUZUKA 1000/1200, SUBARU 1000/1200/1500, VAUXHALL Astra/Avanta/Corolla/Spina GSE, VAUXHALL Vaux/Prisma/Chevette, VDA VDA 340 GL

TF1351/2 set of 4 £145.38



STYLE CX1356/1/2

5 1/2 x 13

ALFA 500/Guileto, ALFA 80/90, BL Metro (using 50 or 80 Series Tyres)/Allegro/Mazda, CITROEN 140, DATSUN 1100/1300, FIAT Ritmo, FORD Escort Mk II 1.3/1.6/Cosworth Mk II/Mk IV, HONDA Prelude/Civic, MAZDA 323/1000 cc, DAIHATSU 1000 cc, RELIANT Rango/3, TALBOT Horizon/Alpine, TRIUMPH Acclaim/Doyle/Spitfire, TOYOTA Sprint, VAUXHALL Astra/Corolla/Chevette, VDA 340/350V Gold/Dorby/Prisma/Salvador, VDA VDA 340 GL

CX1356/1/2 set of 4 £155.10



STYLE CX1357

5 1/2 x 13

BL Metro 1800/1900, BMW 1600/1800/2000, CITROEN 1600/2000/2500, DATSUN 1300/1500/1800/2000, FIAT 1300/1500/1800, FORD Escort Sports/Metro 1600/2000/2500/2.0 Riva/Corolla Mk II/Mk IV/Capt 1600/1800, LADA 1200/1500, LANCIA Monte Carlo, LOTUS 7/Europa/Sunbeam, MAZDA 1000/1200/1500/1800, MITSUBISHI 1200/1500/1800, NISSAN 1300/1500/1800, PEUGEOT 1000/1200/1500/1800, RENAULT 1000/1200/1500/1800, SUBARU 1000/1200/1500, SUZUKA 1000/1200/1500, VAUXHALL Astra/Corolla/Chevette/Cosworth, VDA 340/350V Gold/Dorby/Prisma/Salvador, VDA VDA 340 GL

CX1357 set of 4 £155.10



STYLE CX1360

6 x 13

BL Metro 1800/1900, BMW 1600/1800/2000, CITROEN 1600/2000/2500, DATSUN 1300/1500/1800, FIAT 1300/1500/1800, FORD Escort Sports/Metro 1600/2000/2500/2.0 Riva/Corolla Mk II/Mk IV/Capt 1600/1800, LADA 1200/1500, LANCIA Monte Carlo, LOTUS 7/Europa/Sunbeam, MAZDA 1000/1200/1500/1800, MITSUBISHI 1200/1500/1800, NISSAN 1300/1500/1800, PEUGEOT 1000/1200/1500/1800, RENAULT 1000/1200/1500/1800, SUBARU 1000/1200/1500, SUZUKA 1000/1200/1500, VAUXHALL Astra/Corolla/Chevette/Cosworth, VDA 340/350V Gold/Dorby/Prisma/Salvador, VDA VDA 340 GL

CX1360 set of 4 £162.37



STYLE CX1370

7 x 13

BMW 200/220, FORD Escort 2000/3000, LOTUS Sunbeam, VAUXHALL Corolla

CX1370 set of 4 £180.16



STYLE CX1461/2

6 x 14

ALFA ROMEO 5/5C/15M, ALFA 80/90, AUDI 1000SE, BL Austin 1800/2000, BMW 1600/1800/2000, CITROEN 1600/2000/2500, DATSUN 1300/1500/1800, FIAT 1300/1500/1800, FORD Escort Sports/Metro 1600/2000/2500/2.0 Riva/Corolla Mk II/Mk IV/Capt 1600/1800, LADA 1200/1500, LANCIA Monte Carlo, LOTUS 7/Europa/Sunbeam, MAZDA 1000/1200/1500/1800, MITSUBISHI 1200/1500/1800, NISSAN 1300/1500/1800, PEUGEOT 1000/1200/1500/1800, RENAULT 1000/1200/1500/1800, SUBARU 1000/1200/1500, SUZUKA 1000/1200/1500, VAUXHALL Astra/Corolla/Chevette/Cosworth, VDA 340/350V Gold/Dorby/Prisma/Salvador, VDA VDA 340 GL

CX1461/2 set of 4 £192.75



STYLE LC1461/2

6 x 14

ALFA ROMEO 5/5C/15M, ALFA 80/90, AUDI 1000SE, BL Austin 1800/2000, BMW 1600/1800/2000, CITROEN 1600/2000/2500, DATSUN 1300/1500/1800, FIAT 1300/1500/1800, FORD Escort Sports/Metro 1600/2000/2500/2.0 Riva/Corolla Mk II/Mk IV/Capt 1600/1800, LADA 1200/1500, LANCIA Monte Carlo, LOTUS 7/Europa/Sunbeam, MAZDA 1000/1200/1500/1800, MITSUBISHI 1200/1500/1800, NISSAN 1300/1500/1800, PEUGEOT 1000/1200/1500/1800, RENAULT 1000/1200/1500/1800, SUBARU 1000/1200/1500, SUZUKA 1000/1200/1500, VAUXHALL Astra/Corolla/Chevette/Cosworth, VDA 340/350V Gold/Dorby/Prisma/Salvador, VDA VDA 340 GL

LC1461/2 set of 4 £188.92



STYLE TF1570

7 x 15

(60 series tyres required)

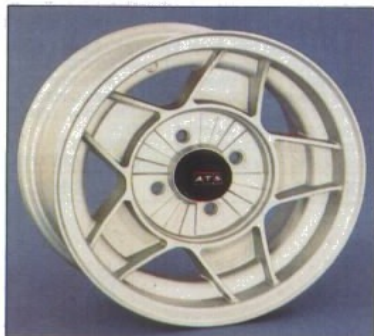
BMW 528/630/633/635/728/730/733/735, DAIHATSU 1000/1200/1500/1800, FIAT 1300/1500/1800, FORD Escort Sports/Metro 1600/2000/2500/2.0 Riva/Corolla Mk II/Mk IV/Capt 1600/1800, LADA 1200/1500, LANCIA Monte Carlo, LOTUS 7/Europa/Sunbeam, MAZDA 1000/1200/1500/1800, MITSUBISHI 1200/1500/1800, NISSAN 1300/1500/1800, PEUGEOT 1000/1200/1500/1800, RENAULT 1000/1200/1500/1800, SUBARU 1000/1200/1500, SUZUKA 1000/1200/1500, VAUXHALL Astra/Corolla/Chevette/Cosworth, VDA 340/350V Gold/Dorby/Prisma/Salvador, VDA VDA 340 GL

TF1570 set of 4 £227.83

ORDERING INFORMATION

Please State:
 Car Make, Model and Year
 Wheel Style Reference Number and Size
 Colour and Finish Reference Number

If you require information on combinations 2 and 3, please send your wheel, please send 21.00 for colour catalogue to: The Compomotive Ltd., 31 Arno Street, Letchworth, Beds. LU21 3PL

**ATS LIGHT ALLOY WHEELS**

ATS Light Alloy Wheels offer a sporting design combined with technical perfection.

STYLE 1

Most makes of car. E.G.'s

5 x 10	£30.00
5 x 13	£48.00
5.5 x 13	£48.00
6 x 13	£51.00
7 x 13	£53.00
8 x 13	£63.00

Also available in 14 and 15 inch diameter.

Silver*

STYLE 1 CC2425

**STYLE 6**

Alfa Romeo, Audi, Datsun, Fiat, Ford XR3, Honda, Metro, Mitsubishi, Opel, Porsche, Renault, Stag, Talbot, Toyota, Vauxhall, Volvo, VW.

5.5 x 13	£57.00
6 x 13	£57.00
6 x 14	£64.00
5.5 x 15	£66.00
7 x 15	£66.00

Black, White or Gold Polished.

STYLE 6 CC2430

**STYLE 2**

Acclaim, Alfa Romeo, Audi, Escort III, Fiat, Honda, Lancia, Opel, Talbot, Triumph, Vauxhall, VW.

5 x 13	£48.00
5.5 x 14	£54.00
6 x 13	£51.00
6 x 14	£56.00

Silver*

STYLE 2 CC2426

**STYLE 7**

BMW, Opel, Vauxhall.

6 x 13	£51.00
7 x 14 - BMW only	£64.00

Silver*

STYLE 7 CC2431

**STYLE 3**

BMW

7 x 14

Silver*

£65.00

STYLE 3 CC2427

**STYLE 8**

Acclaim, Audi, BMW, Ford, Honda, Opel, Vauxhall, Volvo, VW.

6 x 13	£53.00
--------	--------

Silver*

STYLE 8 CC2432

**STYLE 4**

Mercedes

5.5 x 14

6 x 14

6.5 x 14

7 x 15

Silver Only

£56.00

£56.00

£58.00

£62.00

STYLE 4 CC2428

**STYLE 9**

Audi, Ford XR3, Porsche, Renault, VW.

6 x 14	£62.00
--------	--------

6 x 15	£63.00
--------	--------

Silver Varnished

Black, White or Gold Varnished add £2.00

STYLE 9 CC2433

**STYLE 5**

Acclaim, Audi, Honda, Mazda, Mitsubishi, Opel, Renault, Stag, Vauxhall, VW.

4.5 x 13

5 x 13

5.5 x 14

Black, White or Gold Polished.

£57.00

£57.00

£60.00

STYLE 5 CC2429

**STYLE 10**

Acclaim, BL, Datsun, Honda, Metro, Mitsubishi, Renault, Toyota, Vauxhall, Volvo.

5.5 x 13	£43.00
----------	--------

6 x 13	£43.00
--------	--------

Silver*

STYLE 10 CC2434



STYLE 11
BMW
5.5 x 13 £51.00
6 x 13 £53.00
6 x 14 £61.00
6.5 x 14 £63.00
Silver*
STYLE 11 **CC2444**



STYLE 16
Opel, Renault, Vauxhall, Volvo
6 x 15 £58.00
Silver Only
STYLE 16 **CC2449**



STYLE 12
BLMC, Datsun, Mazda, Mitsubishi, Toyota
6 x 13 £51.00
Gold/Silver*
STYLE 12 **CC2445**



STYLE 17
BMW
7 x 16 £106.00
VW Golf, Scirocco, Jetta 4 Stud for use with
Michelin TRX Tyres
135TR 365FH £65.00
Black, White or Gold Polished
STYLE 17 **CC2450**



STYLE 13
Ford (Capri II from August '81)
7 x 13 £53.00
Silver*
STYLE 13 **CC2446**



STYLE 18
Audi, VW
5.5 x 15 £66.00
Black, White or Gold Polished
STYLE 18 **CC2451**

* Additional charge for Black, White or Gold Polished
£7.00 per wheel.
All prices include ATS hubcaps, bolts or nuts, and
are for single wheels only.



STYLE 14
Peugeot, Talbot.
6 x 14 £57.00
Silver*
STYLE 14 **CC2447**



RIAL LIGHT ALLOY WHEELS

STYLE N

Alfa Romeo, Audi, BMW, Chrysler, Datsun, Fiat,
Ford, Honda, Lada, Lancia, Mazda, Mercedes, Opel,
Porsche, Renault, Talbot, Toyota, Volkswagen.

E.G.'s		
5 x 13	Ford Fiesta	£59.00
6 x 13	VW Golf	£65.00
6 x 14	Alfa Sud	£68.00
6 x 13	BMW 3 Series	£68.00
6 x 15	BMW 3 Series	£96.00
7 x 14	BMW 5, 6, 7 Series	£77.00
7 x 15	BMW 5, 6, 7 Series	£104.00
7 x 16	Mercedes	£109.00
8 x 16	Porsche 911	£123.00

Standard Silver
Gold/Silver add £3.00
Sizes Available:

5 x 13	7 x 14	8 x 16
5.5 x 13	6 x 15	9 x 16
6 x 13	7 x 15	
6 x 14	7 x 16	

All prices include hubcaps, bolts or nuts,
and are for single wheels only.

STYLE N **CC2492**



STYLE 15
BLMC, Datsun, Mazda (11/1980 on), Toyota.
6 x 13 £57.00
Silver*
STYLE 15 **CC2448**





INTERSPORT Interlocks

Locking wheel nuts/bolts which work on a coded peg principle. There are no moving parts to seize or wear and each part is specially treated to resist corrosion. With each set having a personalised code even the most persistent thief will be deterred. WATCH OUT THERE'S A THIEF ABOUT — Remember wheels are stolen because

tyres are expensive! The caps supplied make the nuts look like originals. Fitting interlocks is simple and does not affect wheel balance. Available for virtually all applications.

CC5058

£12.95

Please state exact details of wheels i.e. Alloy or steel and the make if possible. State black or chrome caps



WOLFRACE

The Wolftrace Anti-Theft Electron Magnetic Wheel Lock

The Electron Magnetic Wheel Lock is a sophisticated type of wheel lock-nut designed to give maximum wheel security with minimum effort. Just touch the magnetic cap with the electron magnet and the lock is instantly released.

This tiny piece of precision design fits onto a keyring and is programmed with one of an endless selection of combinations specifically coded to activate just one set of wheel locks -Yours. There's one for each of your Wolftrace Aluminium Alloy Wheels or your Steel Wheels. Also available to fit Ford Escort XR3, Ford Cortina Ghia and Granada Ghia, BMW 3, 5, 6, 7 Series and Mercedes fitted with Alloy Wheels. Each attractive box contains 4 Electron Magnetic Caps, 4 Nuts or Bolts, 4 Washers (when required) and 2 Electron Magnets.

Lock Nuts

CC2274 **£13.95**

Lock Bolts

CC2275 **£14.75**

Range Rover Lock Nuts

CC2276 **£19.95**

Please specify exact details of wheels i.e. Alloy or Steel and Make and Model of car.

NIGRIN Wheel Care Kit

Made in Germany, the country of experts in alloy wheels, this complete kit contains all you need to clean and then protect your wheels from the ravishes of road salt, brake dust, traffic grime and corrosion.

Kit comprises of:

To Clean: 500ml **Acid-free** cleaner in a spray bottle with a sponge/scrub and pipe brush to work it.

To Protect: 200ml tin of specially formulated clear lacquer/sealer with a soft brush to apply it

All packed in smart presentation box with full instructions. A large 1000ml re-fill bottle of cleaner is also available, so you can keep your newly-protected wheels in sparkling condition throughout the year. Suitable for all wheels and finishes...Alloy or Steel.

CC2277 Kit **£13.45**
CC2278 Refill **£7.25**
CC2279 Kit and Refill **£19.95**



Refill



STEERING WHEELS





Fitti E4



Manta 4



Manta 35



Hi-Fi

PERSONAL STEERING WHEELS

Personal for Quality, Design and Reliability.

- Leather Steering Wheels: - fullgrain leather hand sewn all round.
- Woodrim Steering Wheels: -handmade from precious mahogany.
- Spokes: - made of aluminium alloy selected for lightness and vibration absorption.

- A Wide range of models available to satisfy every need for safe, comfortable and sporty driving.
- Experience in Formula One, the quality of materials used, the craftsmanship and the rigorous "Personal Tests" assure you of the quality of these Steering Wheels.

FITTI E4

Wooden Steering Wheel with padded Silver anodized spokes. Diameter 350mm

CC2403 £81.00

MANTA 4

Wooden Steering Wheel with silver anodized spokes. Diameter 350mm

CC2404 £69.00

MANTA 35

Wooden Steering Wheel with silver anodized spokes. Diameter 350mm

CC2405 £65.00

HI-FI

Leather Steering Wheel with black anodized spokes. Diameter 350mm

CC2406 £65.00

FITTI E3

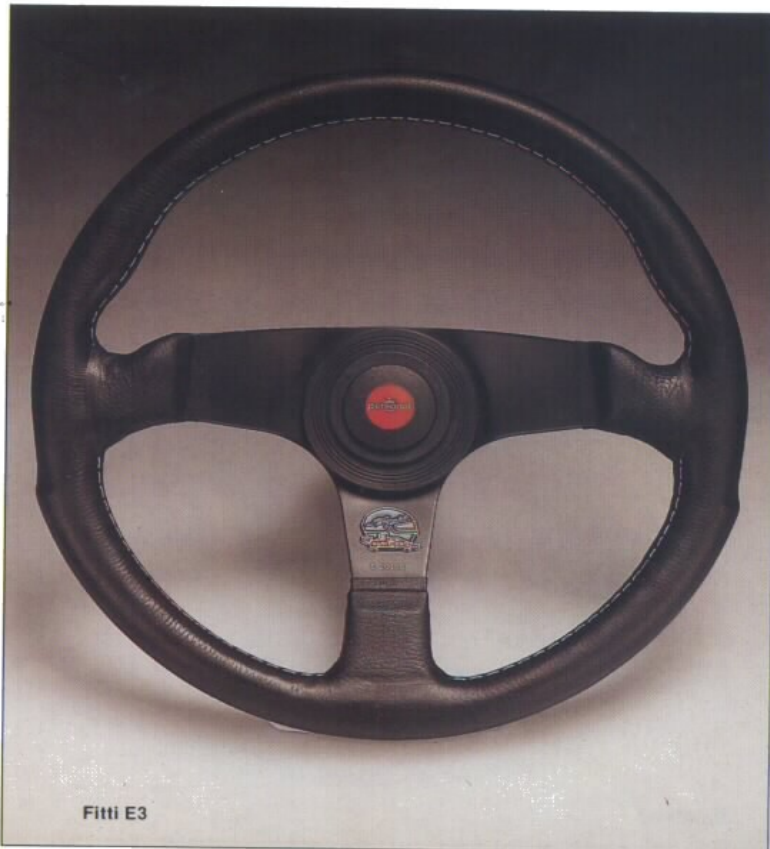
Leather Steering Wheel with black anodized spokes. Diameter 350mm

CC2407 £89.00

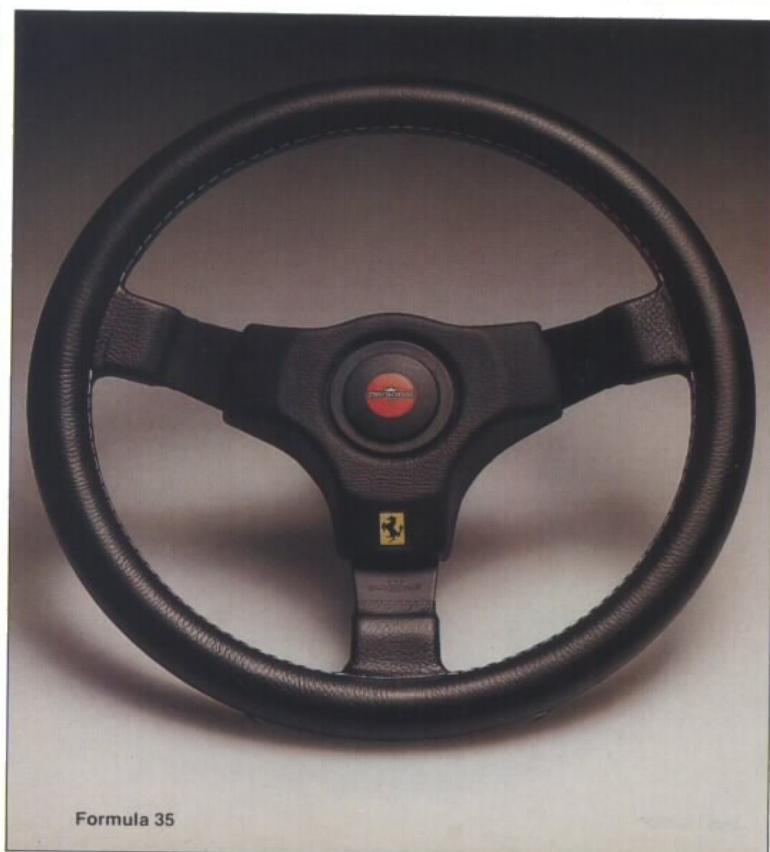
FORMULA 35

Leather Steering Wheel, padded black anodized spokes. Diameter 350mm

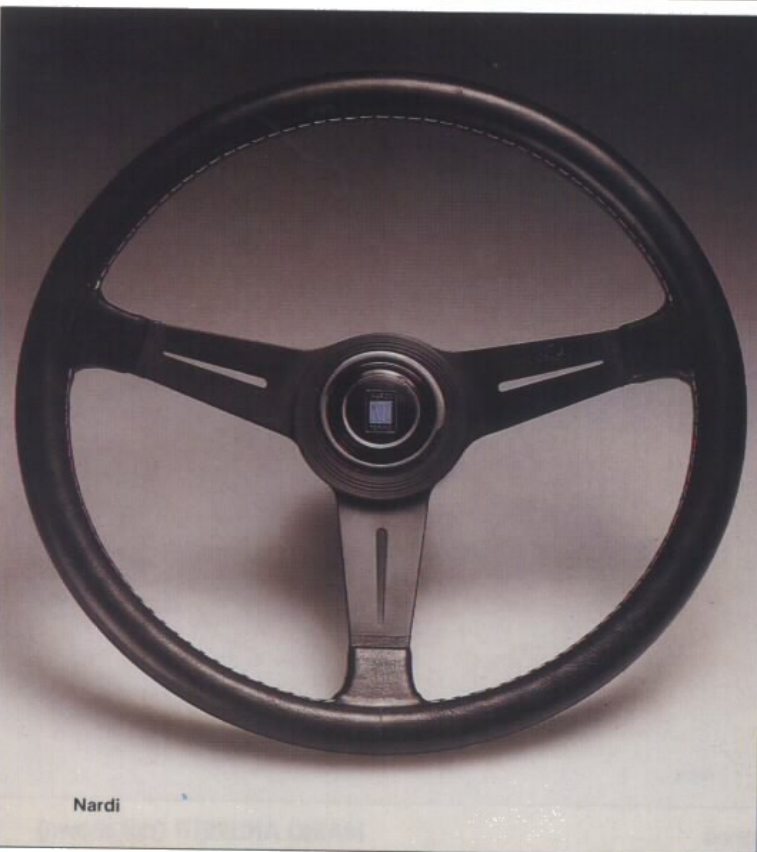
CC2408 £65.00



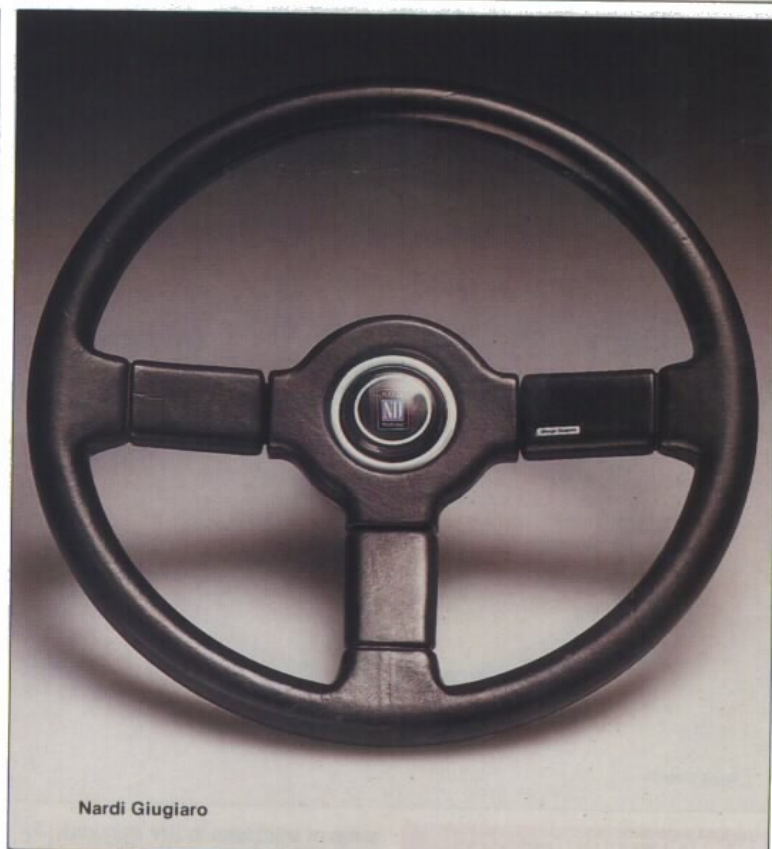
Fitti E3



Formula 35



Nardi



Nardi Giugiaro

NARDI STEERING WHEELS

Enrico Nardi, who is a typical example of Italian cleverness, devoted all his life to the realization of racing cars and auto accessories. On today's Ferrari cars there is the sports steering wheel that Nardi realized in the thirties and whose entire styling and precious make remains unaltered.

NARDI

All semi-dished Diameter 360mm

Finish A (illustrated)

- Leather Black
- Spokes Black anodized

CC2409 £68.00

Finish B

Wood Mahogany
Spokes Hand Polished Aluminium

CC2410 £84.00

NARDI GIUGIARO

The Nardi Giugiaro Steering Wheels is made of a special alloy which combines optimum flexibility and strength with extreme lightness.

The leather is not sewn but irreversibly fixed to the Steering Wheel to ensure a total non-slip grip.

Semi Dish with padded spokes, Thickness 28mm, Diameter 360mm, Leather. Black, Grey or Brown.

CC2411 £130.00

Fitted easily with the fitting kit supplied, which is available for virtually every car. When ordering please state Make, Model and Year of car, and details of steering wheel required.

(When ordering Nardi Giugiaro, please ensure that colour of leather is stated).



Sigma Leather



Sigma Wood



Jackie Stewart



Targa

MOMO STEERING WHEELS

The planning and design of MOMO steering wheels has called for the cooperation of international stylists, famous car manufacturers and top racing drivers. The materials used in their production are carefully and strictly selected. For example, the leather used for covering is the highest quality and its finish guarantees a very high resistance to wear and colour fastness to light. When designing and planning the production steering wheels, both wood and leather models are subjected to a

series of strict tests to TUV standards, to verify resistance to torque, fatigue and flexing. In addition they are subjected to a harsh cycle of extreme temperature tests.

And finally, before going to production, the wheels are crash tested to the EEC standard ECE12.

SIGMA

Semi-dish

- ☐ Thickness 29mm
- ☐ Diameter 350mm or 380mm
- ☐ Leather, Black
- ☐ Spokes, Black

CC2412 £69.00

Wood

- ☐ Spokes, Black

CC2413 £69.00

CAVALLINO (not shown)

Semi-dish

- ☐ Thickness 32mm
- ☐ Diameter 350mm or 365mm
- ☐ Leather, Black
- ☐ Spokes, Black or Silver

CC2414 £52.00

- ☐ Leather, Brown
- ☐ Spokes, Silver

CC2415 £52.00

MARIO ANDRETTI (not shown)

Semi-dish

- ☐ Thickness 32mm
- ☐ Diameter 350mm
- ☐ Leather, Black
- ☐ Spokes, Black

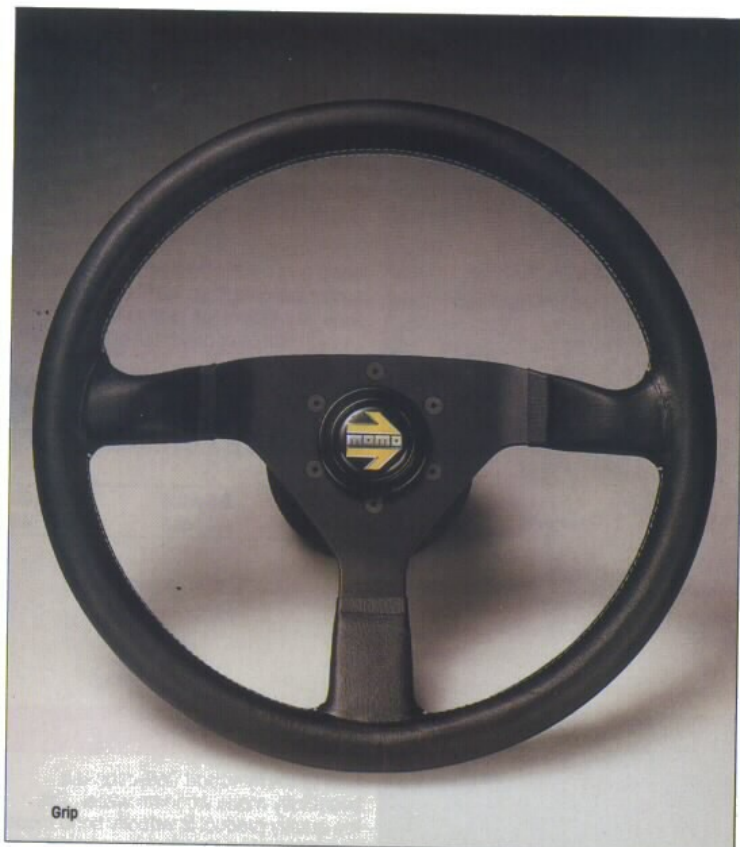
CC2416 £59.00

JACKIE STEWART

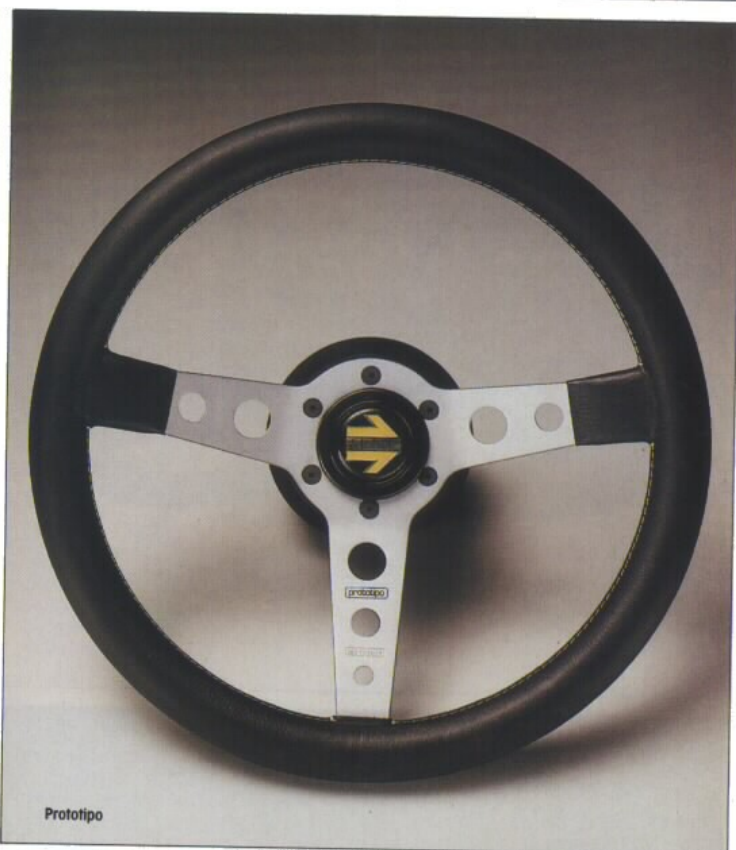
Flat

- ☐ Thickness 34mm
- ☐ Diameter 350mm
- ☐ Leather, Black
- ☐ Spokes, Black or Silver

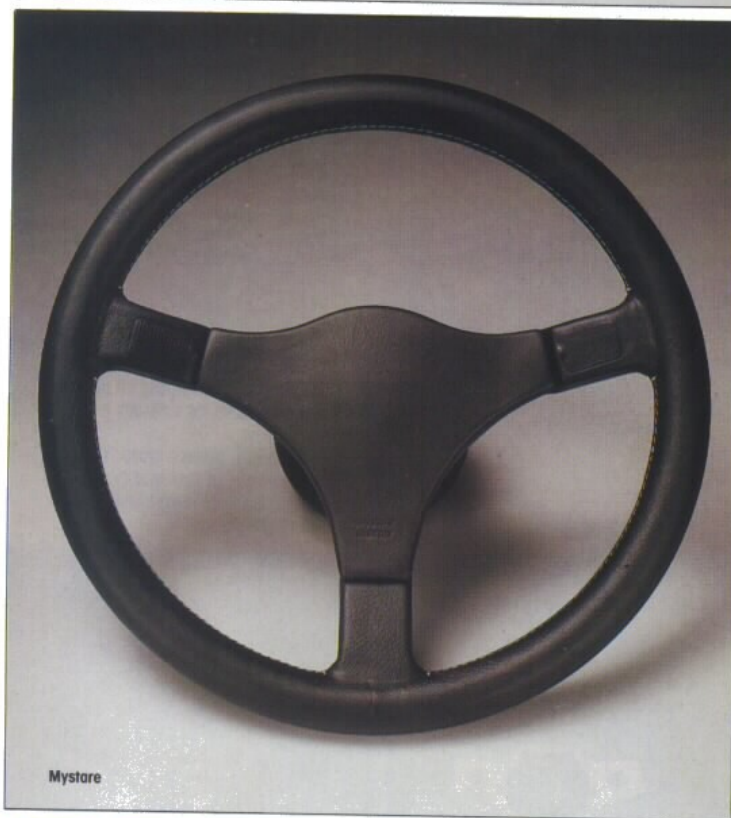
CC2417 £50.00



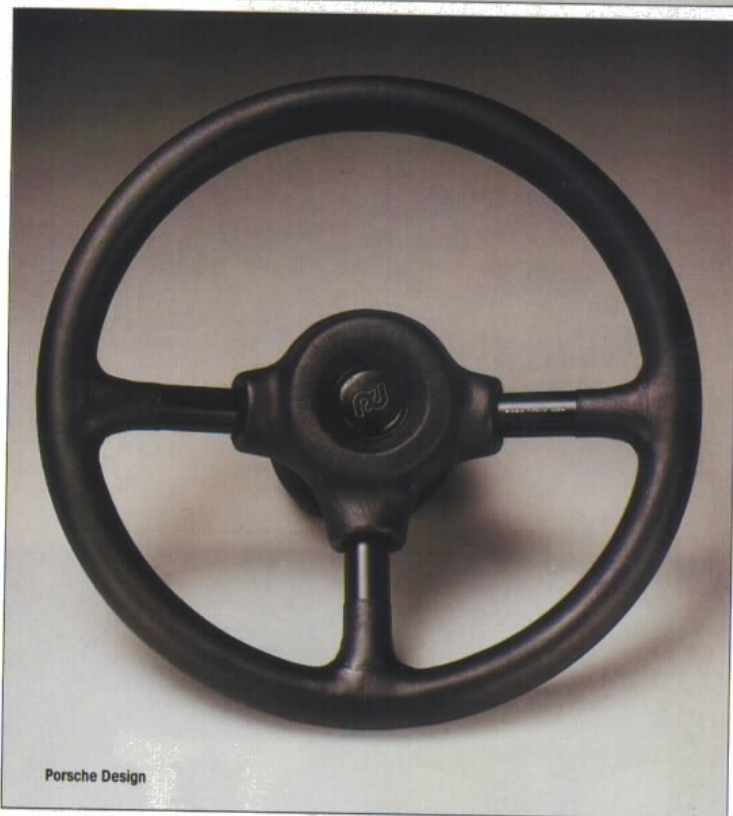
Grip



Prototipo



Mystare



Porsche Design

GILLES VILLENEUVE (not shown)

Semi-dish

- ☐ Thickness 32mm
- ☐ Diameter 320mm or 350mm
- ☐ Leather, Black
- ☐ Spokes, Black or Silver

CC2418 £49.00**TARGA**

Semi-dish

- ☐ Thickness 26mm (leather)
- ☐ Thickness 24mm (wood)
- ☐ Diameter 350mm
- ☐ Leather, Black
- ☐ Spokes, Polished

CC2419 £48.00

Wood

- ☐ Spokes, Polished

CC2420 £48.00**GRIP**

Semi-dish

- ☐ Thickness 30mm
- ☐ Diameter 350mm
- ☐ Leather, Black
- ☐ Spokes, Black

CC2423 £44.00**PROTOTIPO**

Semi-dish

- ☐ Thickness 30mm
- ☐ Diameter 320mm, 350mm or 370mm
- ☐ Leather, Black
- ☐ Spokes, Black or Silver

CC2421 £47.00**MYSTARE**

Semi-dish

- ☐ Thickness 32mm
- ☐ Diameter 360mm or 380mm
- ☐ Horn Push in Spokes
- ☐ Leather, Black
- ☐ Spokes, Black

CC2422 £56.00**PORSCHE DESIGN**

Semi-dish

- ☐ Thickness 30mm
- ☐ Diameter 365mm
- ☐ Leather, Black
- ☐ Spokes, Black

CC2424 £125.00

Fitted easily with the fitting kit supplied which is available for virtually every car. Where applicable, the horn / push / cap is provided with a badge of the appropriate manufacturer's name to give the finishing touch.

When ordering, please state Make, Model and Year of Car and (where applicable) Diameter, Leather Colour and Colour of Spokes required.



INTERSPORT

STEERING WHEELS

Experience the feel and appearance of sheer luxury with an Intersport Steering Wheel.

PLUS

For the connoisseur... luxury steering wheel and central cushion covered with leather selected from the finest quality skins. In black or tan leather trim with a 1.4 inch diameter and three or four spoke design.

CC2280	3 Spoke	\$54.95
CC2281	4 Spoke	\$59.95

Also available in easily cleaned white vinyl

CC2282	3 Spoke	\$42.45
CC2283	4 Spoke	\$47.45



WOODRIM

New to the Intersport Collection is a beautifully made woodrim wheel. This top quality product is virtually hand made consisting of no less than twenty-eight wooden laminates. Available in 14 inch diameter with either three or four spoke design finished in matt silver or black anodised.

3 SPOKE

CC2284	Matt Silver	\$44.95
CC2285	Black Anodised	\$53.45

4 SPOKE

CC2286	Matt Silver	\$49.95
CC2287	Black Anodised	\$58.45

Fitted easily with the fitting kit supplied which is available for virtually every car.

When ordering, please state, Make, Model and Year of Car and (where applicable) Diameter and Colour of Spokes required.



MACH 2 STEERING WHEELS

Best quality leather together with superb craftsmanship make this wheel the best available. Fitted easily with the fitting kit supplied which is available for virtually every car.

(Centre horn push/cap is provided

with a badge of the appropriate manufacturer's name to give the finishing touch.

Available in 13 and 14 inch diameter with 3 or 4 spokes having matt, silver or black finish.

CC2288	3 Spoke	\$29.95
CC2289	4 Spoke	\$34.95



SPORTS STEERING WHEELS

Hand stitched leather rim with strong alloy frame. Easily fitted to virtually any car with the fitting kit supplied. No special tools required.

Available in 12, 13, 14 or 15 inch diameter in the 3 spoke design and 13 or

14 inch diameter in the four spoke design. (The spokes are available with matt, silver or black finish.)

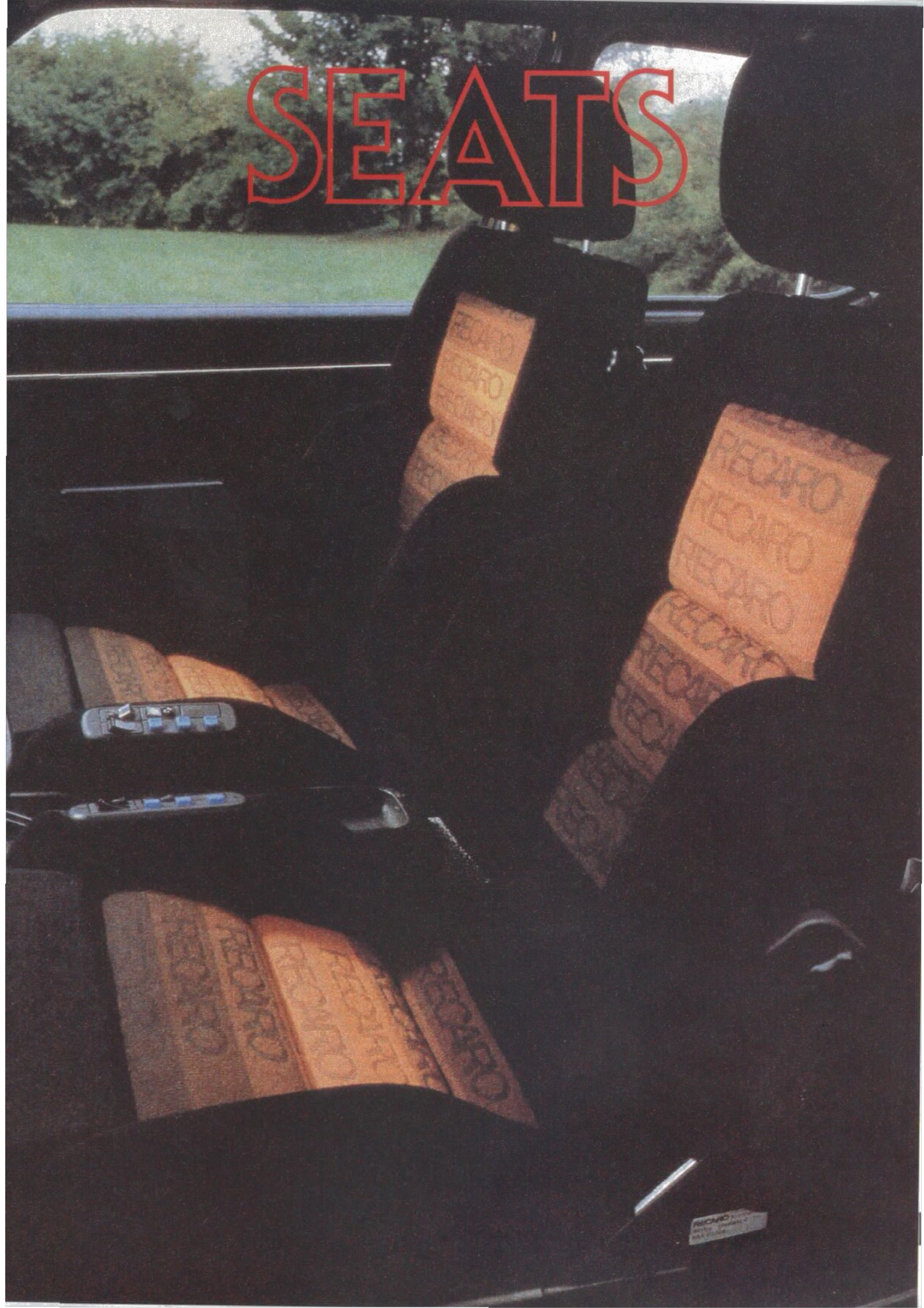
3 SPOKE

CC2290	12, 13, 14 and 15 inch	\$22.95
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4 SPOKE

CC2291	13 and 14 inch	\$25.95
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SEATS





DRIVERS' SEATS - NOT SO HOT

According to one leading orthopaedic specialist there's not one car on today's market that has a completely well-designed driver's seat. And that's why more and more serious drivers are turning to the accessory seat market for relief from stress at the wheel, leg muscle cramp and - by far the worst side-effect of long hours spent in unsuitable seating - low back pain.

The criticisms of car seating made by the ergonomics and medical professions are simply summed up - too much emphasis on sumptuous style and eye appeal, too little on human anatomy. They point out that there are far more muscles involved in motoring than the turn of the wheel and the press on a pedal would suggest. The car is a constantly moving base for a seat. There are the relative movements of car and driver in response to acceleration, braking and cornering and there is the ever-present reaction of the car to the road's surface. All these movements are transmitted to the person behind the wheel and may be compounded by the spring rate of the seat itself. But the human body has many mechanisms which aid it to stay relatively still in a constant relationship to the car's major controls. And these mechanisms all actuate muscles which are in a constant state of tension to resist unnecessary body movement. The result of this constant tension is cramp affecting legs, muscles of the back and occasionally those of the shoulder.

And that's not all that the experts find wrong with the hot seat. Most car seats have a relatively hard leading edge which interferes with the soft tissue structures behind the knee. These include blood vessels and tissues carrying nerves. Restricted blood vessels and pressure on nerves add to the problems of muscular cramp. But by far the worst of the condemnations made against original equipment seating is that very few designs actively encourage the body to adopt a naturally therapeutic posture at the wheel. Correct posture is when the spine conforms to a shallow S shape.

Many car seats fail to provide adequate support in the lumbar region, which bows backwards, a slouch which may be made much worse by a poor relationship between seat and wheel. Finally, say the orthopaedists, the seats are not properly shaped to accommodate the ischial tuberosities - in plain man's language, the bones behind the flesh of the buttocks. These mechanical stress points take almost 90% of the body weight while you are seated at the wheel. The problems that arise from long hours behind a wheel in poor seating vary from the vague lack of comfort to the provocation of back pain. The main areas of concern are the fact that muscles fighting against body movement go into cramp (a condition that can be exacerbated by the back becoming too warm and then suddenly cooling when the driver leaves the car), the dreadful posture that drivers adopt, fatigue and numbness of the buttocks and pressure on blood vessels and nerves that restricts circulation in the leg and again causes numbness. All these factors contribute to bodily and mental fatigue, lower the driver's concentration and increase stress. In cases where the driver has an existing low back problem from disease or injury standard car seating can be a cruel extension to daily torture.

TOWARDS A BETTER CAR SEAT

Ergonomists and orthopaedic specialists have some very clear ideas on their ideal car seat. Firstly they believe that the cushioning should tend towards firmness.

Harder cushioning won't deform out of shape under the weight of the body and its movement so the seat maintains the body in the same posture at all times. They note that the majority of standard car seats are far too soft. The correct posture is also well-defined. Those ischial tuberosities should rest in a well of the seat cushion, the back-rest should be at an angle approximately 27° to the vertical with the upper part - behind the shoulders - at a slightly more vertical angle. In the lower back, or lumbar region, the cushioning should be firm and protrusive. These factors all combine to maintain the spine in the optimum shallow S-shaped posture.

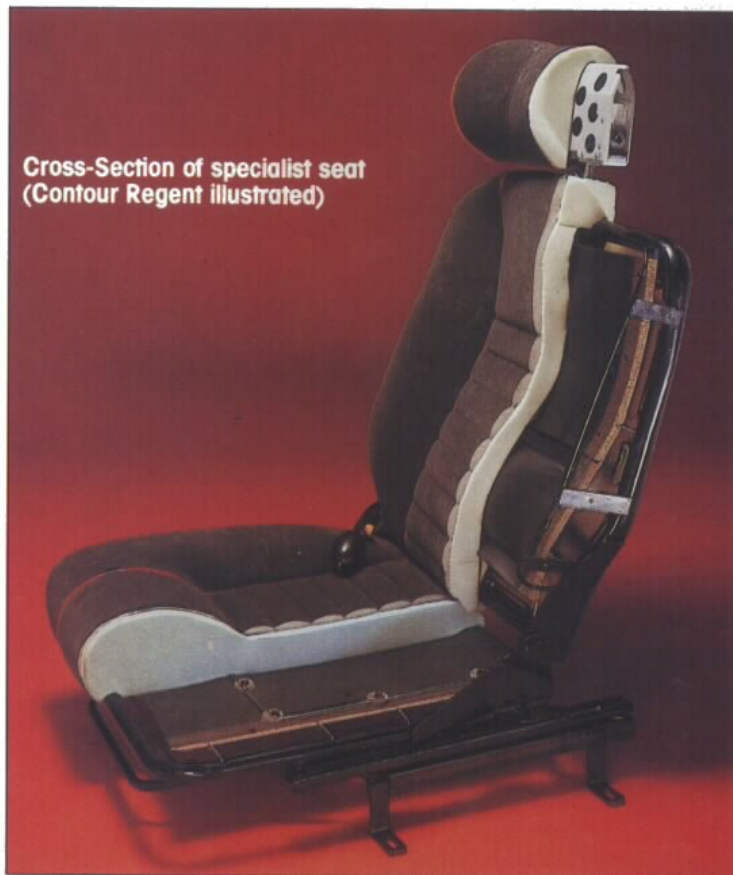
Thigh support needs to be firm and the lead edge of the seat should be slightly softer and slope downwards. This avoids placing pressure on the tissues behind the knee. Either the shaping of the seat back and cushion sides would be pronounced enough to give lateral support against sideways body movement or there should be additional hard cushioning at the side of the seat to provide retention. Perhaps the most important safety point (which has little bearing on comfort) is that the headrest (when fitted) should be tall enough to prevent whiplash injury in rear impact accidents. Far too many headrests stop short at the nape of the neck where they can actually make such injuries far worse. Headrests should extend as high as the crown of the driver's head, either as an integral part of the seat back or by provision of a fool-proof adjustment mechanism. Finally, there are many drivers who find that the standard seat in their cars provides too little rearward travel to obtain a comfortable position behind the wheel. An extra inch or two of adjustment could make all the difference.

ACCESSORY SEATS - CLOSER TO THE IDEAL

"Almost all replacement seats are in one respect or another better than the standard item fitted to most cars - and that's regardless of whether factors like the attitude to the wheel or the offset of the pedals is wrong". These are the words of an orthopaedic specialist in industrial, vehicle and aircraft seating. The fact that this is so stems in part from the origins of many of the available accessory seats. Many of the designs were bred in the rough tough world of competition motoring - sport in which the driver is subjected to the most severe of buffeting, experiencing forces far higher than you would ever expect to find in everyday motoring. Under these conditions, often endured for very long hours in rally events, the driver must be retained securely enough to control the vehicle accurately, and the seat must keep the driver comfortable to minimise fatigue and stress.

Few everyday motorists would find it convenient to shoe-horn themselves into a competition bucket which, with its hard shell, firm, thin cushioning and well-defined posture shaping, comes close to the experts' ideal seating form. The alternatives are ranges of accessory seating which have considerably less constructive side cushion designs but all the other desirable features of the bucket. All the ranges have firm cushioning to maintain the body in a good posture, there's a pronounced well in the cushion for the buttocks, good thigh support and, often, provision for extended rearward seat travel. The best feature of many seats is the excellent lumbar support. On at least one model in each range this is adjustable - either mechanically or pneumatically - for both height and firmness or protrusion. Seats are available in both fixed and reclining

Cross-Section of specialist seat (Contour Regent illustrated)

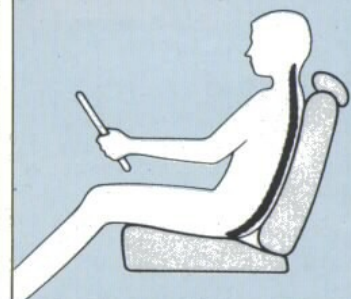


Standard Seat

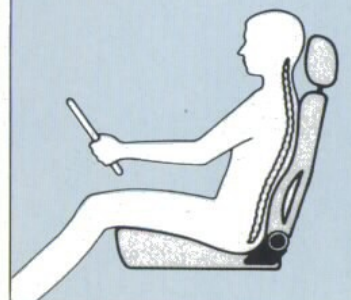


Specialist Seat

Standard Seat



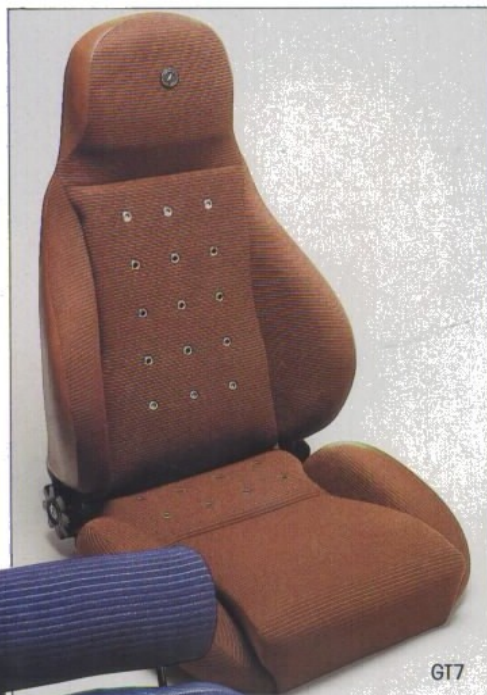
Specialist Seat



designs and there is a wide choice of upholstery fabrics, colours and styles.

WILL THEY FIT YOUR CAR?

Accessory seating is one of the easiest additions to make to a car. Manufacturers have available a considerable catalogue of sub-frames and mounting kits which adapt the standard seat fittings to take the new seat or simply screw down in place of the original parts. In only a few cases is it necessary to have parts made to any special design. Remember that a good car seat is an investment in your motoring comfort and relaxation for many years to come. When you get your next car you just buy the appropriate sub-frame and the seat can be transferred to the new vehicle within minutes. The only twinges you'll feel are those of sorrow for the torture victims stuck with their standard car seat.



GT7



Euro GT8



Monterey



GT4 Clubman



GTB

CORBEAU

Corbeau GT seats came into production some 17 years ago as a direct result of the need for a strong but comfortable seat for the club race enthusiast. Over the years this involvement with all forms of Motor Sport has proved to be an ideal development and test programme for the now World famous Corbeau GT seat range. The first two seats in the range are the GTA and the GTA De-Luxe (not illustrated). These two seats provide the ultimate in seating comfort at low-cost, they have a lower fitting point than the rest of the range making them ideal for smaller saloons and sports cars. The depth of the back panel of the GTA De-Luxe has been extended by nine inches.

CC5019	GTA Standard (not shown)	£40.40
CC5020	GTA De-Luxe (not shown)	£44.25

■ The GT4 Clubman is a popular standard size seat which is ideal for everyday use.

CC5022	GT4 Clubman	£58.60
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■ The GT5 Highback (not illustrated) is the highback version of the GT4 but, with the added benefit of a highly padded head restraint within the steel frame of the seat.

CC5023	GT5 Highback (not shown)	£63.40
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■ The GT6 Recliner is one of the most practical fatigue-reducing seats currently available. Price includes Headrest.

CC5024	GT6 Recliner (not shown)	£90.70
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■ The GT7 Recliner incorporates all the features of the GT6 but with an integral head restraint.

CC5025	GT7 Recliner	£91.70
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■ The GT8 Highback is designed with the competition driver in mind. The seat has slots to allow for full race harness.

CC5031	GT8 Highback (not shown)	£76.75
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■ The Euro GT8 Highback is the latest addition to the range. The seat is available as either static or recliner and, like the GT8 has provision for full race harness for competition drivers. The Euro GT8 has the addition of shoulder support - ideal for fast cornering. Constructed from tubular steel with bright mild steel angle base, the seat is light and incredibly strong. The steel frame is

covered in high density Polyurethane foam and trimmed in anti-slip woven cloth.

CC5029	Euro GT8 Static	£114.00
CC5030	Euro GT8 Recliner	£144.00

■ The Monterey is a de-luxe seat giving excellent lumbar and special region support so necessary for the long distance driver. Price includes headrest.

CC5021	Monterey	£98.95
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■ The GTB Recliner. This seat gives a high degree of lateral support and is produced with a superior standard of trim available in plain black or with coloured stripe as illustrated.

CC5032	GTB Recliner	£86.70
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■ Colours & Eyelets Seats can be upholstered in Black, Blue or Brown. GTA, GTA Highback and GTB available with stripe coloured: Orange, Blue, Gold and Red. GT4, GT5, GT6, GT7, and GT8 are available with or without eyelets. All recliner models have break forward mechanisms.

Please state left or right hand mechanism, Colour and with or without eyelets where applicable.

■ Subframes for all cars

CC5033	Subframe	£11.00
CC5034	Euro GT8 Subframe	£22.00

**RECARO**

The RECARO Orthopaedic.
For many, the only possibility at all to drive a car.

RECARO has the special knowledge required to decisively make sitting in cars easier even for people with serious handicaps.

A prominent team of experts developed the RECARO orthopaedic. The result is a seat which world-wide only RECARO can offer. A seat that permits relaxed individually correct seating posture, even for people with serious handicaps. With a seat cushion that makes it easier to get in. A U-shaped head restraint which can also provide lateral support for the head and numerous, strain-relieving adjustment possibilities. A seat which through its specific design and functional variety, represents a valuable aid in the field of orthopaedics. For both the physician and the handicapped. Should you be interested in more information about this RECARO seat innovation, please send for our special RECARO idealeat Orthopaedic brochure.

CC2349 Orthopaedic L/Hand £684.25

CC2350 Orthopaedic R/Hand £684.25





RECARO

IDEALSEAT N

RECARO pursues a policy of permanent development work in order to make a good seat even better. The seat cushion of the "N" has been optimized in accordance with the latest scientific findings.

The newly designed sides now offer even more "entry comfort". The entire seat cushion provides even more room for comfortable, unconstrained sitting. With pelvic support that is absolutely sufficient for seating posture that feels custom made.

The Idealseat N now offers seat length adjustment as a standard feature. The front cushion can be extended to match the seat to the driver's size. This individual seat length concept ensures that thigh support is anatomically correct.

The orthopedically designed backrest offers support and restraint, even in fast curves. To ensure the correct back profile for each individual additional cushioning can be added behind the loosely upholstered back section of the backrest (patented).

This provides your backbone with individual support to ensure relaxed seating posture and to protect against back-ache.

CC2292	Left	£247.25 each
CC2293	Right	£247.25 each

COLOURS

Available in 'RECARO' material (60 % wool - 40 % synthetic)
Black Blue Brown Green

HEADRESTS

Padded safety headrests fabric covered
Black / Blue / Brown / Green

CC2294	£23.00 each
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Safety head restraint with netting centre
Black PVC.

CC2295	£23.00 each
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Safety head restraint with netting centre
fabric covered Black / Blue / Brown / Green.

CC2296	£26.45 each
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Recarofonic - safety head restraint with
stereo speakers. Black / Blue / Brown / Green.

CC2297	£51.75 each
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BASEFRAME

Baseframes are required for each seat.
Please state Make, Model and Year of Car
and whether you require left or right hand
frame.

CC2298	from £18.50 each
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(Please enquire for exact price of
baseframe for your car)



Idealseat LS

With the new "LS", RECARO implements the driver-emphasized demands on a seat which must fulfill widely varying requirements.

Building pure sports seats or only seats with the emphasis on comfort is a good first step. But it's only half the way. The trick is to unite these contradictory components in one and the same seat: RECARO LS.

With the LS, those drivers who prefer elegant mastery of the performance obtain a basis that can hardly be surpassed. Because it contains all of the design characteristics required for orthopedic, relaxed, comfortable and safe seating posture.

The driver can direct his full concentration to the road. The LS adds the safety. In addition to the maximum lateral restraint offered by the LS backrest, there is the newly developed seat base which represents an optimum level of progress in seating engineering.

CC2299	Left	£264.50 each
CC2300	Right	£264.50 each

IDEALSEAT LS ELECTRIC (NOT SHOWN)

with electric reclining mechanism plus in-seat heating.

CC2301	Left	£385.25 each
CC2302	Right	£385.25 each

IDEALSEAT 'C' ELECTRIC

With our top-of-the-line model, the Idealseat C, RECARO has set international standards. For the ultimate in personalised seating. For making relaxed driving a reality.

In this model, the concept of relaxation, orthopedic posture, of keeping the driver active through sure support and non-fatiguing seating posture has been pursued with exemplary diligence. RECARO has employed innovative techniques for this concept. In an entirely new manner. For example, three air cushions are integrated into the backrest. This RECARO airmatic system permits the precise volume of air to be added which is necessary for the optimum back

support. Even while driving. Thus, the owner of the seat can be assured of the most finely balanced support.

The four lateral restraints on seat and backrest are individually adjustable to the inside or outside. Controlled support of pelvis and back provide personalized support. For relaxed safety in curves. RECARO Idealseat C: The total sum of functions provides the best possible seating posture.

CC2303	Left	£684.24 each
CC2304	Right	£684.25 each

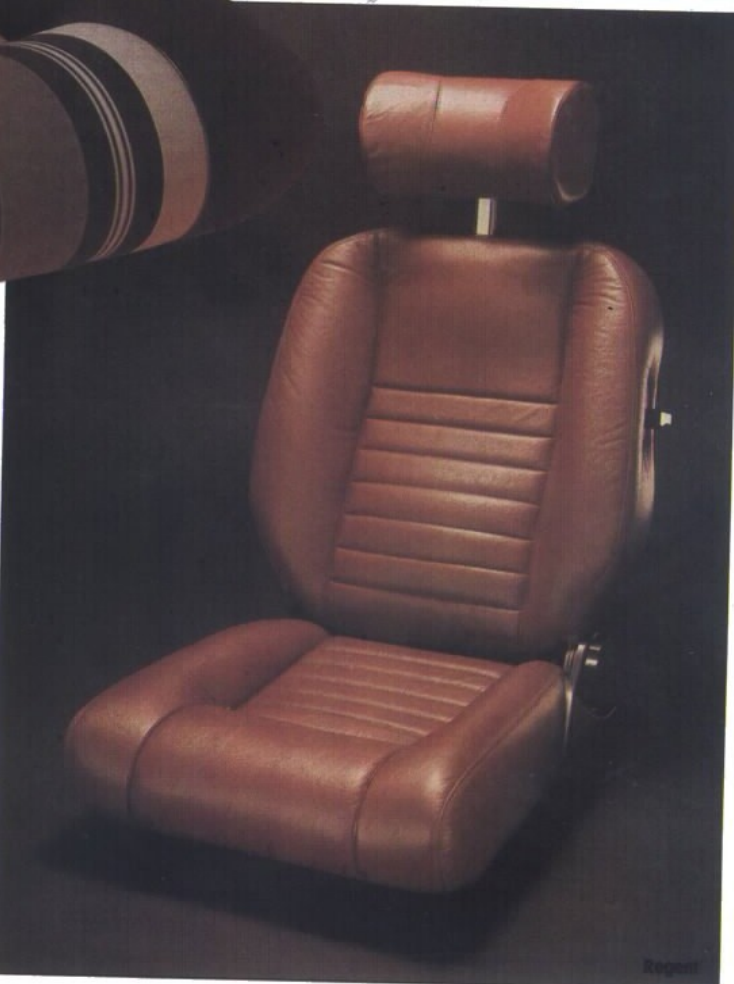




Regent



Regent



Regent

CONTOUR

The Contour range of car seats represents an investment in safety, comfort and good health. The end product of years of development employing carefully researched orthopaedic and ergonomic principles.

The result - anatomically compensated seat contouring giving optimum support of the upper and lower back, hips, thighs and torso, lateral support to reduce the fatigue of cornering, and because no two drivers are alike, Contour provide an almost infinite range of adjustment.

For most people, driving is an everyday necessity as well as recreation. It should always be a pleasurable rather than a painful experience. A Contour seat is an investment in more than the purely practical. It is also a handsome addition to any vehicle.

A unique feature of all Contour Seats is its inflatable air cushion of reinforced rubber compound. Extending over the lower third of the seat back, it can be inflated and deflated manually, and gives infinitely variable back support so essential to the reduction of driving fatigue.

Seats Are Available in the Following Finishes

Fabric

These are supplied in Polyester -Cashmere a man-made fibre to full auto standards conforming to US FMVSS 302.

Leather Faced

Magnificent Bridge of Weir leather cushion front and black facings are blended with vinyl sides and ICI Ambla back panels.

All Leather

Fully covered in Bridge of Weir leather at its beautiful best. As with the leather faced models all conform fully to FMVSS 302.

(Viscount not available in all leather).

Regent

Fabric

CC2481 £169 each

Faced Leather

CC2482 £169 each

All Leather

CC2483 £225 each



Viscount



Sovereign



Viscount

Fabric

CC2484 £225 each

Faced Leather

CC2485 £225 each

All Leather - Not Available

Sovereign

Fabric

CC2486 £169 each

Faced Leather

CC2487 £169 each

All Leather

CC2488 £225 each

Headrests

Regent

CC2489 £25 each

Sovereign

CC2490 £25 each

Colours

Fabric Plain:

Blue, Beige, Black, Shark Grey

Fabric Stripe:

Brown, Grey

Faced Leather:

Black, Tan, Silver Grey

All Leather:

Black, Tan, Silver Grey

(Other colours available at extra cost)

Baseframes

CC2491 from £17.00

(Please enquire for exact price of baseframe for your car).

Baseframes are required for each seat. Please state Make, Model and Year of Car and whether you require left or right hand frame.



200



282



400



282



300



500

WOLFRACE SEATS

MODEL 200

Low Back Recliner

- Infinitely Adjustable Recliner Mechanism
- Left and Right Hand Mechanisms Available
- Forward Tipping Facility for Two Door Cars
- Warp Knitted Stain Resistant Nylon

CC2260 £116.25

Head Restraint

CC2261 £14.50

MODEL 282

New 282 Low Back Recliner

This new seat is the result of many months research and development with updated design incorporating latest requirements for body support. Extra deep body side supports give the feeling of being securely in the seat and not on it. Available in stripes or self colour tweed fabric.

CC2262 £127.50

Head Restraint

CC2263 £14.50

MODEL 400

Truck and Van Seat

- Infinitely Adjustable Recliner Mechanism
- Left and Right Hand Mechanisms Available
- Warp Knitted Stain Resistant Nylon
- Integral Head Restraint
- Adjustable Arm Rests

CC2264 £154.50

Optional Swivel Base

CC2265 £43.70

MODEL 300

High Back Recliner

- Infinitely Adjustable Recliner Mechanism
- Left and Right Hand Mechanisms Available
- Forward Tipping Facility for Two Door Cars
- Warp Knitted Stain Resistant Nylon
- Integral Head Restraint

CC2266 £120.90

MODEL 500

Low Back Recliner

- Infinitely Adjustable Recliner Mechanism
- Left and Right Hand Mechanisms Available
- Forward Tipping Facility for Two Door Cars

- Easy Access
- Adjustable Tension Lumber Support
- Warp Knitted Stain Resistant Nylon

CC2267 £142.80

Head Restraint

CC2268 £14.50

Colours

The complete range of Wolfrace Seats are available in the following colours:

Plain:- Black, Navy, Light Tan, Brown

Stripes:- Blue and Red

282

Centre Panels available in Blue, Brown and Grey Tweed Fabric.

SUBFRAMES

Car Subframes

CC2269 £16.95

Van Swivel Subframes

CC2270 £43.70

Ordering Information

Please state when ordering your Wolfrace Seat: Left or Right Hand Mechanism, Make, Model and Year of Your Car.



◀ CONTOUR AERO-REST

THE POSITIVE SOLUTION TO BACK PROBLEMS

Seven out of ten motorists suffer with back discomfort of varying severity. The solution is the simple addition of the attractive Aero-Rest back support to the mass produced car seat. A low cost investment in safe, comfortable driving.

- Universal Fitting - Simply Installed
- Upholstered in Non-slip Brush Nylon

- Warm in Winter - Cool in Summer
- Hard Wearing, Easily Cleaned
- Blends Unobtrusively with Trim
- Elasticated, Adjustable Securing Strap for Universal Seat Fastening
- Zipped Cover Simply Removed for Easy Cleaning
- Unique Inflatable Lower Back Support
- Robust Steel Frame
- Temperature Compensating Velour Upholstery

CC2344

£22.95



KIDDY CHILD SEAT ▲

- Child 8 Months - 6 Years i.e. 8.5. Kilo - 25 Kilo
- Light Weight Construction
- Easily Installed and Removed
- Uses Original Seat Belts
- Easily Washable
- Child Easily Removed from Belts
- Raises Child up for Good Vision
- Tray Play Area
- European Approval

CC2345

£39.95



◀ CORBEAU BS3 CHILD SEAT

Has a tubular steel frame and is cloth upholstered with a comfortable safety harness.

Colours available: Black, Brown, Blue, Red and Beige (as illustrated). This seat carries the Design Centre Index plus the British Standards Institute approval.

CC2346	Seat	£35.00
CC2347	Estate Fitting Kit	£3.50
CC2348	Second Car Fitting Kit	£4.50

**'COMFY RIDER' SAFETY SEAT**

This BSI approved seat is suitable for children 20lbs-40lbs, approximately 6 mths to 4½ yrs. Luxury padded nylon fabric provides a warm and comfortable ride for your child, and can be brushed or wiped clean. Each seat comes complete with full fitting instructions, fittings, and a fitting kit suitable for most makes of estate, saloon or hatch back cars. Spare kits are available for second-car installation and the seat is easy to remove and replace.

CC5005 Black/Tan £28.95

'FORMULA JUNIOR' HARNESS

This easy to adjust BSI approved harness is designed for the older child in the 40lbs-80lbs weight range. Fully adjustable and easily removable, the harness is fitted into the car via four anchorage points in the car frame. Complete with fittings and instructions.

CC5006 Saloon £16.83
CC5007 Estate/Hatch £17.87

'STRAPHANGER'

The Straphanger bar is suitable for up to two child restraints, and eliminates the need for webbing to be fixed to the rear floor, thus making free valuable storage space for luggage or shopping.

Easily removable by hand, and comes complete with all fittings and full instructions, and carries the AA 'seal of approval'.

CC5008 £29.95

**REAR SEAT BELTS**

The 3 point static is suitable for all vehicles with approved upper anchorage points, the 3 point automatic for horizontal parcel shelf mounting and the 2 point lap-belt for all vehicles. Complete with all fittings.

CC5009 3 point static belt £12.65
CC5010 3 point automatic belt £21.72
CC5011 2 point lap-belt £10.22

STAR RISER

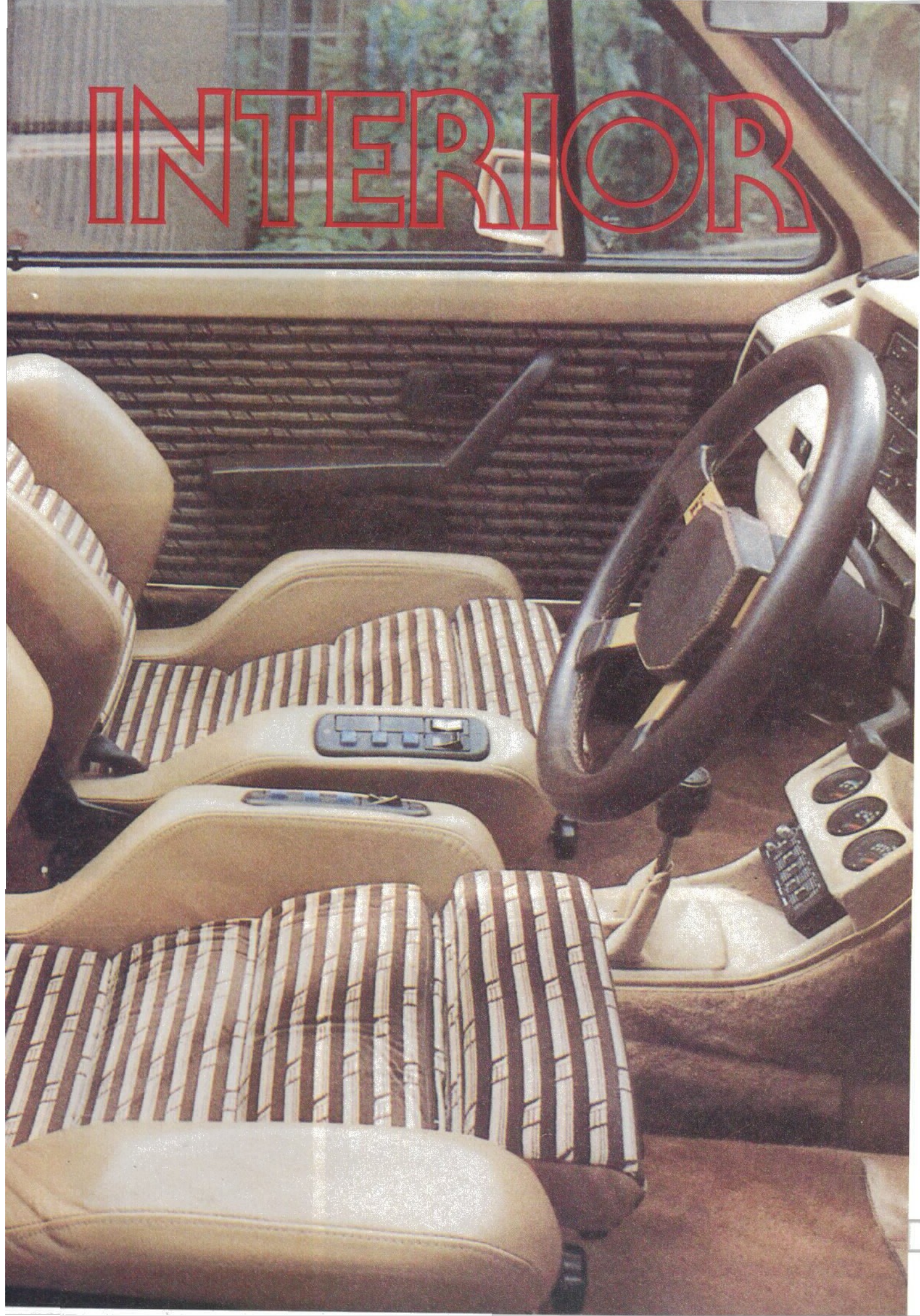
The Star-Riser booster seat allows the older child to use an adult 3 point seat belt. It raises the child for better vision and the unique shoulder-clip keeps the seat belt in a safe and comfortable position on the shoulder.

Star-Riser is designed and tested to meet the latest European safety standard (E.C.E. R44) and can be removed in seconds. The foam-backed brushed nylon fabric is easily wiped clean. For children 4 years & over.

CC2241 Star Riser £16.50



INTERIOR



STRATA



CONTESSA



SOLITAIRE





STROBE



CITY STRIPE



Every Seatz product offers you the flair of a top Italian design studio, coupled with all that is best in British manufacturing.

- Detailed fitting instructions inside every pack.
- Please state make, model and year of car when ordering.
- Fully matching rear seat covers and headrest covers for the complete look.
- Specially tailored small cutaways for easy access to seat adjuster mechanisms.
- All products machine washable for easy care.

Strata A classical combination of carefully matched and colour keyed heavy cropped velour for the definitive executive look. Colours: Blue, Beige, Brown, Grey.

Contessa The ideal choice for the more conservative buyer, Contessa's beautifully crisp tweed fabric panels will add hard wearing good looks to any car interior. Colours: Brown, Blue.

Solitaire A subtle blend of high quality fabrics makes Solitaire a fashion pace setter, its soft hued look having particular appeal for the more discerning motorist. Colours: Brown, Grey.

Strobe This up to the minute design offers a unique blend of sporting elegance and luxury with equal appeal to young and old alike.

Colours: Red / Black, Blue / Black.

City Stripe Sporting yet sophisticated, this exciting and attractive new design will really set you apart from the crowd.

Colours: Orange / Brown, Blue / Black.

PAIR FRONT COVERS	CC2041	£24.95
REAR SEAT SET	CC2042	£27.95
COMPLETE SET*	CC2043	£49.95
PAIR HEADREST COVERS	CC2044	£4.95

* Special Price saving for complete set (includes pair front covers and rear seat set).

Please state when ordering, Colour and Style required.



SOGAARD

INDIVIDUALLY TAILORED DANISH SEAT COVERS

Individually Tailored Seat Covers
Available for most makes and models of

se seat covers are designed to completely envelope the original seats so that when fitted the car seats look as if they have been re-upholstered. Detailed instructions are included with each set. The main design chosen covers the seat backs, and the backs and sides are in a shaded nylon matching colour.

Style 1 (Illustrated)

OUR STRIPE

Available in Brown (shown), Blue, Green or Red.

50 % Acrylic, 30 % Cotton, 10 % Polyester, 10 % Mixed Fibres.
(Can be washed 30°C)

Full set i.e. 2 Front Seats and Rear Seat

CC1455 full set £99.95

Front 2 Seats Only

CC1455 / 1 front 2 £59.95

Style 2

VELOUR PLAIN

Available in Beige, Blue, Green or Red.

100 % Orion Velour

Can be washed (40°C)

Full set i.e. 2 Front Seats and Rear Seat

CC2452 full set £112.95

Front 2 seats only

CC1522 / 1 front 2 £69.95

Optional Extras

Headrest Covers (all cars)

CC2453 £7.95 pair

Headrest Covers Volvo Padded Type

CC2454 £10.95 pair

Zipper Cover for Rear Armrest

CC2455 £13.95 each

Map Pockets for Rear of Front Seats

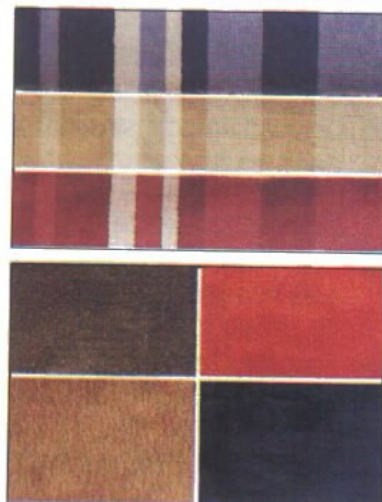
CC2456 £6.95 pair

ORDERING INFORMATION:

Please state when ordering: Car: Make, Model and Year, Velour - Stripe or Plain, Colour Required and Optional Extras Required.

Available for most makes of cars including:

Alfa Romeo, British Leyland, BMW, Chevrolet, Chrysler, Citroen, Colt, Datsun, Daihatsu, Fiat, Ford, Honda, Jaguar / Daimler, Lada, Lancia, MG, Mazda, Mercedes, Opel, Peugeot, Porsche, Reliant, Renault, Rover, Saab, Toyota, Triumph, Vauxhall, Volvo, Volkswagen etc.





GO FAR EASIER WITH EASIRIDER SHEEPSKIN SEAT COVERS

Whatever your car or the mileage you do, on Easirider Sheepskin Seat Covers you'll travel in effortless style and comfort. Sheep's wool has unique properties of thermal insulation and moisture absorbancy, keeping you warm in winter and cool in summer, whilst mopping up to 30% of its own weight of moisture before even beginning to feel damp. With around 22,000 springy fibres to the square inch, sheepskin's luxurious cushioning resilience will go on giving years of hardwearing protection.

At Easirider, prime selected sheepskins go through a 30 step tanning process and only then are tailored to fit front seats, back seats, bucket seats, headrests and even armrests of your car. There are 10 luscious colours to choose from, finished to an even 1 inch (25mm) polished wool length which does not moult. Our covers are easy to fit and maintain, they remain a soft and pliable investment for years to come.

■ DRAPE

A full natural sheepskin with universal elasticated brace, Min. 40" long x 22" wide (1m x 56cm). Washable

CC2457 Drape £33.35 each

■ EASIRIDER

A shaped seat cover, Min. 41" x 22" (104cm x 56cm) with universal elasticated brace. Washable. Both these and drape are suitable for Bucket, Bench or Rear seats.

CC2458 Easirider £36.80 each

■ SUPERIDER

A Semi-fitted style, with sheepskin 'cap' going over top of seat. Suitable for bucket-seats with or without headrests. Elasticated straps hold cover to seat. Washable.

CC2459 Superider £63.25 each

■ HIGHBACK SUPERIDER

For seats with integral head-restraints.

CC2464 Highback £74.75 each

■ TAILORED SEAT COVERS

Individually hand-made to top specification from careful patterns using 1st selection, treated and polished sheepskins. Easy-to-follow fitting instructions supplied. Please note: zips are sewn on either side of rear armrest so it can be raised or lowered.

SMALL (eg. Metro, Golf, Fiesta etc)

CC2465 Front Each £98.00
CC2466 Rear £178.25

MEDIUM (eg. Jaguar, Rover, Granada, Volvo, Royale etc)

CC2467 Front Each £104.00
CC2468 Rear £224.95

LARGE (eg. Rolls Royce, Mercedes, BMW, Aston Martin, Ferrari, XJS etc)

CC2469 Front Each £120.00
CC2470 Rear £253.00

■ HEADREST/ ARMREST COVERS

Supplied as extras, except where integral part of front seat.

CC2471 Headrests £25.00
CC2472 Armrests £29.90

■ CHILDS SEAT

Cover Washable. Please state make and model of seat when ordering.

CC2473 Childs Seat £14.50



EASIRIDERS STOCK COLOUR RANGE Green, Mushroom, Black, Navy, Natural, Brown, Grey, Beige, Red & Slate Blue.
Please note: For actual colour representation, colour samples are available on demand.



Easirider Lambswool Car Floor Rugs

For comfort, colour, warmth, anti-static and sheer hardwearing durability, the most prized carpets in the world are still made of wool. And these qualities hold good of course for Wool, in it's purest form, when used as sheepskin car over-rugs.

During our fastidious 30 step tanning process, selected, prime density sheepskins are stripped of the hairy barbs which cause matting - mud, dirt, grit - now drops to the base of the 'fibre forest' leaving the 'tops' clean and clear. Regular shaking and vacuuming will be sufficient to maintain your rugs over many thousands of miles of hard motoring.

Wool has the unique property of absorbing up to $\frac{1}{3}$ it's own weight of moisture before becoming wet - a

valuable asset for car floor rugs.

Easirider lambswool rugs are made to the highest specification as adopted by Rolls-Royce, Mercedes-Benz, Aston Martin, Porsche, BMW, Jaguar, Saab, Citroen and many other motor manufacturers for whom Easirider are official suppliers. A special heavy duty, non-slip backing is used allowing the plush, felt interlayer to be removed for ease of valeting. Our specification conforms to EEC and U.S. flame retardancy standards. You will find shoes no longer scuff, residual road noise and vibration fade away. A leather heel pad is sewn on the driver's mat. When eventually you change your car the carpet beneath will be in mint condition. Yes, lambswool rugs are the most luxurious floor covering that money can buy and they make sound sense!

FITTED CAR FLOOR RUGS

Individually made to the highest specification from careful patterns using 1st selection, treated and polished sheepskins. Flame retarded to EEC and US regulations.

Where One Piece Rear, covering transmission "Tunnel" required please add 15% to total.

Rear or Front Pair Rugs

CC2222 £98.00

4 Piece Rug Set standard saloons
eg: Aston, Granada, Datsun, Rover etc.

CC2223 £175.00

4 Piece Rug Set LWB Saloons
(eg: Rolls Royce, Mercedes, BMW, Lagonda etc)

CC2224 £189.00

Extra Large One Piece Front and One Piece Rear
(eg: Silver Cloud)

CC2225 £265.00

One Piece Rear in LWB Limousine

CC2226 £242.00

EASIRIDERS STOCK COLOUR RANGE

Green, Mushroom, Black, Navy, Natural, Brown, Grey, Beige, Red & Slate Blue.

Please note: For actual colour representation, colour samples are available on demand.



PURE NEW WOOL



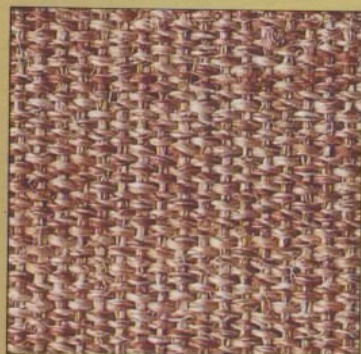
real leather



Green Natural Beige Mushroom Brown Red Black Grey Slate Navy



Individually tailored latex backed Sisal mats



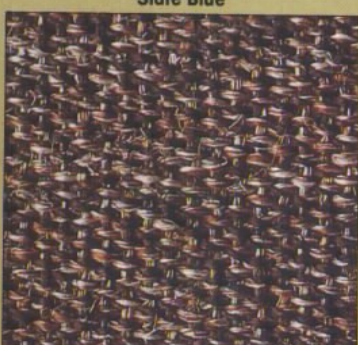
Beige



Slate Blue



Charcoal



Dark Brown

SET OF FOUR MATS

At last! An extremely tough, hardwearing and best of all a good looking alternative to the rubber car mat.

'Weavers' Overcarpets, manufactured in a dense tightly woven mat of 100% pure Sisal are individually tailored to fit your particular car, guaranteeing a perfect fit every time. Choose from four attractive sporty tweed colour combinations that will compliment any car interior. Each set of four mats comes complete with contrasting black piping around all sides and velcro pads on the undersides to eliminate mat movement. A flexible latex back ensures dirt cannot be trapped in the fibres making 'Weavers' very easy to clean with the additional benefits of extra sound insulation. Give your car the kind of protection it deserves.

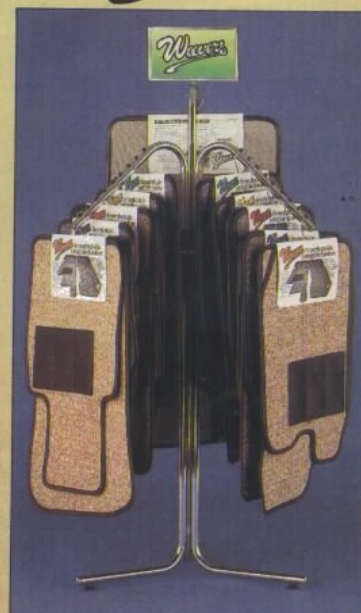
Available for most makes of cars including: Alfa Romeo, Audi, Leyland, BMW, Citroen, Colt, Datsun, Ferrari, Fiat, Ford, Honda, Jaguar, Daimler, Lancia, Lotus, MG, Mazda, Mercedes, Opel, Porsche, Renault, Rolls-Royce, Rover, Saab, Talbot, Toyota, Triumph, Vauxhall, Volkswagen, Volvo etc.

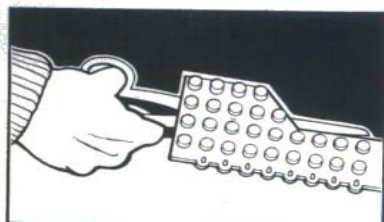
CC5236 Set of four £29.95

Ordering Information:

Please state when ordering, Car Make, Model, Year, Manual/Automatic, 2 or 4 door and Colour required.

Weavers



**GRIP**

Grip is an ingenious, but simple, locking peg and mat system that secures any load and prevents it sliding about in the boot.

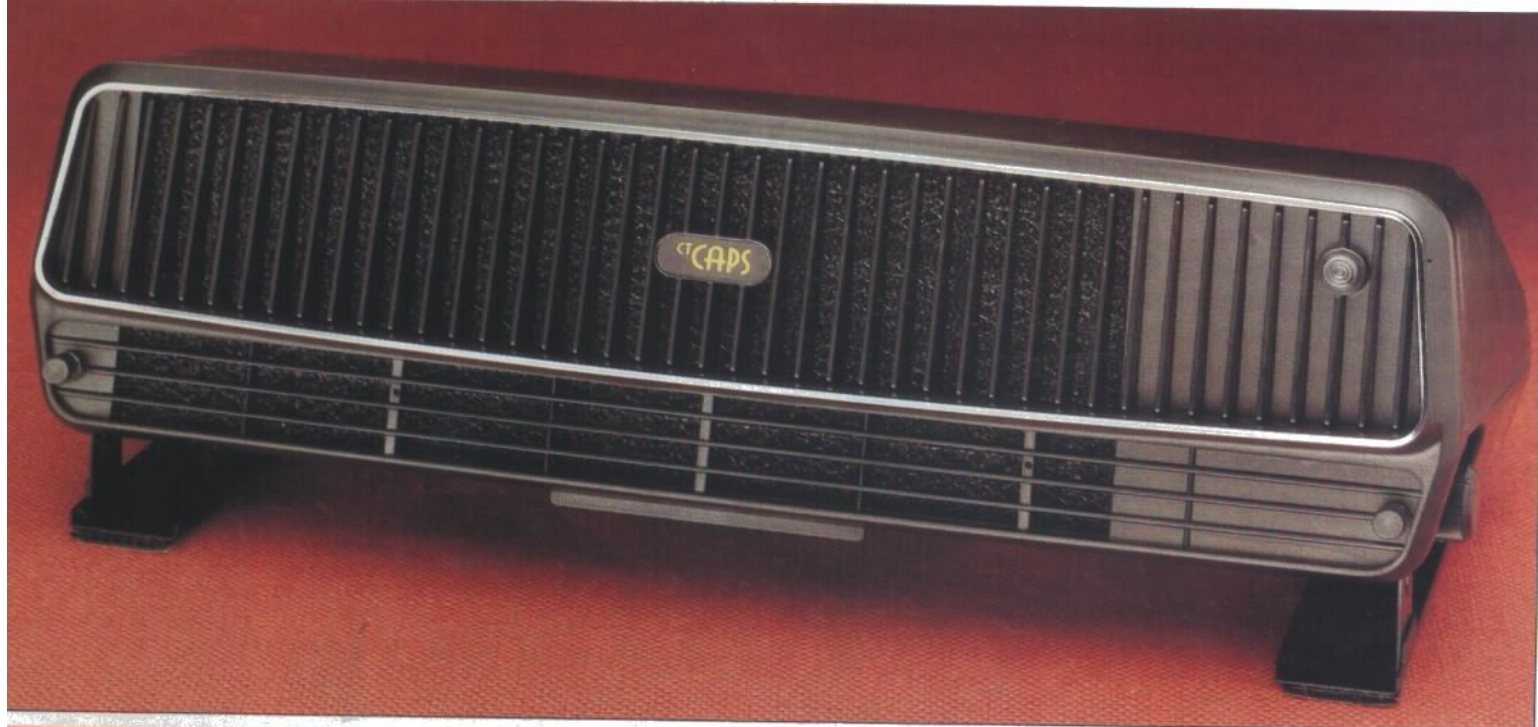
The Kit comprises of squares of studded black PVC matting which lock together and can be cut to fit any size and shape of load carrying space providing it is flat (a hardboard templates makes a good flat base).

GRIP is suitable for cars, estates, vans and caravans. It gives full use of your luggage space and is particularly suitable for fragile loads.

Each box contains ten pegs and enough matting for 0.67 sq. metres.

CC2220 Grip

£7.95

**HITACHI AIR PURIFIER SYSTEM**

This highly efficient system has three filtration stages: a coarse-screen for large particles, an electrostatic dust collector for particles as small as 0.01 microns and an activated charcoal filter for removing odours. After this triple filtration, the air is ionized to create the

stimulating effect which helps to combat drowsiness, exhaustion, headaches and car sickness.

An ultra-quiet fan with a choice of speed settings then circulates the clean, revitalized air throughout the interior of your car.

CC2221 Air Purifier £54.95





CENTRE CONSOLES

Manufactured from quality materials and finished to very high standards. Tailor made for each car and provided with strong mounting brackets. Each unit has a cut-out for radio mounting and a speaker panel. Because these units are tailor made the unit supplied may differ from the illustrations. Illustrated left to right are: Fiat Panda, Mini Metro, Escort. Available for virtually every car.

Group A: Polo / Derby, Scirocco, Beetle, Alpine, Horizon, Avenger, Sunbeam, Solara, Alfa-Sud, Saab 99, Skoda Datsun, 120Y, Honda Civic, Maxi, Marina, Mini, Metro, Princess, Allegro, Escort, Cortina, Capri, Fiesta, Fiat 128 (to 1978), Fiat 124, Lada, Renault 14, Simca 1000, Viva HB/HC, Chevette.

CC5053 Group A £11.95

Group B: Fiat Panda, Golf, Passat, Renault 15/17, Victor FD/FE.

CC5054 Group B £12.95

Group C: Peugeot 104, Toyota Corolla (to 1979), Citroen Dyane, Datsun Cherry 100-100A, Toledo Dolomite 1300, Fiat 126, 127, 128/3P, 128 (1978 on), Renault 4, 5, 6, 12, 16

CC5055 Group C £10.95



QUALITY DOG GUARDS

Welded tubular steel construction with attractive stove enameled grey hammer finish. Adjustable extensions of polished aluminium.

■ All components are specifically designed and manufactured for the product. ■ Space between bars only 8cm ■ No tools required for assembly or fitting. ■ No permanent fittings in the car. ■ No holes to be drilled Easily fitted and removed.

▼ DOG GUARD ESTATE

Fits all estate cars including ■ Range Rover ■ Peugeot 504 ■ Volvo 245/265 ■ Datsun 280C Extends from 25" to 45" in height. Up to 57" in width.

CC2305 Dog Guard £21.95

▲ DOG GUARD HATCHBACK

Fits most hatchbacks including ■ Fiesta ■ Escort ■ Polo ■ Horizon ■ Alpine ■ Scirocco ■ Fiat 127 (3dr) ■ Strada ■ Renault 5/14 ■ Peugeot 104 ■ Astra ■ Chevette ■ Volvo 343 ■ Datsun 120Y/120AF 11.

CC2306 Dog Guard £18.95

▼ DOG GUARD

Fits hatchbacks with rear parcel shelf including ■ Capri 2 ■ Ambassador ■ Passat '82 ■ Scirocco '82 ■ Astra / Kadett ■ Cavalier

CC2307 Dog Guard £15.45

DOG GUARD

(not illustrated)

Fits onto side parcel shelf supports and rear of roof. No fittings in the car or drilling required but parcel shelf has to be removed. Available for ■ Rover SD1 ■ New Escort L/GL/Ghia ■ Datsun Stanza / Sunny B11. ■ Mini Metro

CC2308 Dog Guard £19.95

For Audi Avant

CC2309 Dog Guard £19.95

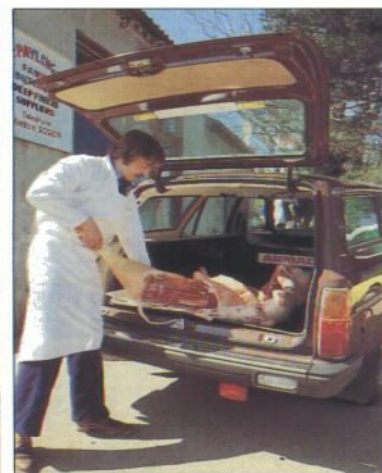
Volkswagen Passat up to 1981

CC2310 Dog Guard £17.95

Austin Maxi

CC2311 Dog Guard £12.95





Armadillo patented Liners enable you to carry foods, tools, merchandise, building materials - even pets in your car with ease. Then in seconds, converts back with no interior cleaning necessary to a passenger carrying vehicle. Specially designed for hatchbacks, estates and vans.

Armadillo Liners offer an economic answer to your load carrying requirements - they're already used to advantage by many car owners.

Armadillo Liners are supplied for a wide range of vehicles, including: Audi, Allegro, Citroen, Datsun, Ford, Jeep, Maxi, Marina, Metro, Opel, Peugeot, Renault, Rover, Range Rover, Simca, Talbot-Chrysler, Toyota, Vauxhall, Volkswagen, Volvo, etc.

The Armadillo range has been designed with the needs of the private or business user in mind - as useful to the housewife as to the tradesman.

- Custom made for most models.
- Easily fitted in and out of the vehicle in seconds.
- Easy to clean with hot or cold water and mild detergents.

- Hygienic - corners specially rounded to avoid collection of dirt.
- Excellent protection for your car interior. No more scars, scuffs or stains that can so reduce the re-sale value of your vehicle.
- Proven for hygienic transportation of food.
- Ideal for pets and small animal transit.
- Excellent aid for sales engineers / representatives, with custom service for fleet buyers.
- Factory made from high quality rotproof glass-reinforced polyester

CC2012 Full Liner	£98.33
CC2013 Half Liner	£81.08

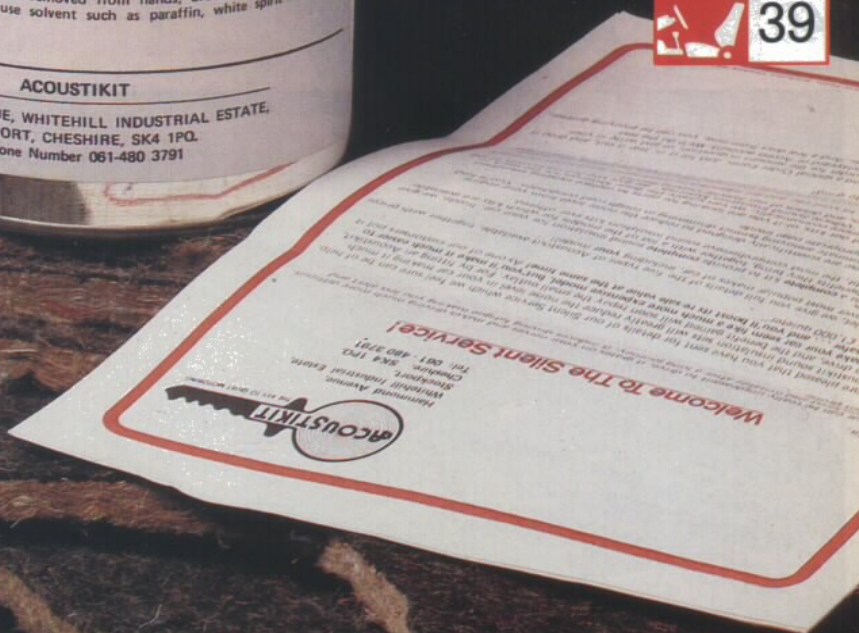
* Half liner Range Rover

£98.44

Specify either a full Armadillo when you wish to utilise the whole of the rear with the seats down, or a half Armadillo for use with the rear seats up.

...dry conditions.
...even coating to 'plain side of felt and a thin even coating to make
...3 to 5 minutes 'open time'.
...felt into required position on the car panelling, then use small hand
...roller, such as paint roller, to secure overall contact.
...Material, when wet, can be removed from hands, brushes, etc, with clean
...water. When set, use solvent such as paraffin, white spirit or petrol
...to remove.
...Protect from frost.

ACOUSTIKIT
HAMMOND AVENUE, WHITEHILL INDUSTRIAL ESTATE,
STOCKPORT, CHESHIRE, SK4 1PD.
Telephone Number 061-480 3791



SOUNDPROOF YOUR CAR WITH AN ACOUSTIKIT

An Acoustikit helps safer, better driving and boosts the resale value of your car. It's the sound insulation system that gives all-round protection against nerve-racking noise from the engine, gears, roads etc. Uses the finest combination of materials. Britain's top selling mail-order kit.

Front and rear floor Vibra pads to prevent drumming - Untreated Acoustiseal to absorb noise.

Boot sides and floor - Treated Acoustiseal and Vibra Pads to muffle exhaust noise penetration and petrol tank drumming. Bulkhead - Treated Acoustiseal to act as noise barrier.

Bonnet Lid - Treat Acoustiseal to prevent drumming and absorb noise.

Choose: Either a Super Acoustikit, which insulates the entire car, or an Underbonnet Acoustikit, which insulates the engine compartment.

Complete and ready to install. All kits are ready-cut for immediate installation. Simple to fit. Complete, easy to follow instructions provided.

Superkits shown first in heavy type. Underbonnet shown second.

ALFA ROMEO

Alfasud £32.60 £12.75
Alfetta £32.60 £12.75

AUDI

80 Sal./Est £42.60 £13.00
up to '80 £42.60 £13.00
100 Sal. £42.60 £13.00

BRITISH LEYLAND

Metro £29.60 £12.75
Mini Sal./Club Sal. £29.60 £12.25
Mini Est./Club Est. £38.60 £12.25
Mini Pick Up £18.60 £12.25
Mini Van £38.60 £12.25

1100/1300

Maxi £38.60 £12.75
Allegro Sal./Est. £42.60 £13.00
Marina Sal./Est. £42.60 £12.75
Ital Sal. £38.60 £12.75
MG Midget/MGB GT £38.60 £12.75
Princess II £42.60 £12.75
Land Rover SWB £58.60 £13.00
Range Rover £63.60 £13.00

CHRYSLER/TALBOT

Avenger Sal./Est. £42.60 £12.75
Hunter '67 on £42.60 £12.75
Alpine '75-'77 £42.60 £12.75
Sunbeam £38.60 £12.75
Horizon £38.60 £12.75
Solara £42.60 £12.75

CITREON

2CV6 £38.60 £12.75
Ami 8 £38.60 £12.75
Visa £38.60 £12.75
GS Club Sal./Est. £38.60 £12.75
Dyane 6 £38.60 £12.75

COLT MITSUBISHI

1400 GLX £38.60 £12.75
Lancer Galant Sal £38.60 £12.75
/Est '78 on £38.60 £12.75
Celeste '78 on £42.60 £12.75
Sigma '78 on £42.60 £12.75
Sapporo £38.60 £12.75

DATSUN

Cherry Sal./Coupe £38.60 £12.75
/Est. £38.60 £12.75
Cherry 100A £38.60 £12.75
F11 Sal./Coupe/Est. £38.60 £12.75
Sunny 120Y Sal £38.60 £12.75
/Coupe/Est £42.60 £12.75
Violet 140 160J II £42.60 £12.75
160 180B Sal/Est £42.60 £12.75

FIAT

MkI & II £42.60 £12.75
124, 127 £42.60 £12.75
126 £38.60 £13.00
128, 128 3P £38.60 £12.75
131 Sal./Est. £42.60 £12.75
Strada £42.60 £12.75
Panda £38.60 £12.75

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£38.60 £12.75

FORD

Fiesta (all Models) £34.60 £12.75
Escort I, II, III, Ghia, £42.60 £12.75
Est £42.60 £12.75
Escort Van £42.60 £12.75
Capri, MkI, II, III £42.60 £12.75
Cortina I, II, III, IV, £42.60 £13.00
Sal. Est.

Granada I, II, Sal, Est., £42.60 £13.00
Ghia

LADA

Sal./Est. £38.60 £13.00

HONDA

Civic £38.60 £13.00
Accord HB, 4dr, Sal. £38.60 £12.75
Prelude £38.60 £12.75

OPEL

Manta £38.60 £12.75
MkI, II Sal. £38.60 £12.75
Kadett Sal./Est £38.60 £12.75
'80 only £38.60 £12.75

MAZDA (all '78 on)

1300 Hatchback £38.60 £12.75
818 Sal./Coupe/Est. £38.60 £12.75
323 £38.60 £12.75
616 £38.60 £12.75
919 Sal./Coupe/Est. £38.60 £12.75
Montrose Sal./Coupe £42.60 £12.75

PEUGEOT

104 Sal./HB £42.60 £12.75
304 Sal./HB £42.60 £12.75
305 Saloon £42.60 £12.75
504 Sal./Est. £42.60 £12.75
/MkI & II £42.60 £12.75
604 Saloon £42.60 £12.75

POLSKI/FIAT

125P Sal./Est. £42.60 £12.75

RENAULT

4/5/6 £38.60 £12.75
12/14 £42.60 £12.75
15/16/17/ £42.60 £12.75
18/20/30 £42.60 £13.00
Fuego £42.60 £13.00

SAAB

95/96/99/900 £42.60 £12.75

SIMCA

1000/1100 £34.60 £12.75
1301/1501 Sal./Est. £38.60 £12.75

SUBARU

1600/1800 Sal. £42.60 £12.75
/Coupe/Est.

TOYOTA

Corolla (full kit only) £42.60
30 Sal./Coupe/Est £29.60 £12.75
/HB*

Carina Sal./Est* £29.60 £12.75
Cressida* £29.60 £12.75
Celica* £29.60 £12.75

TRIUMPH

Dol. Sprint 1500 £38.60 £12.75
Toledo £38.60 £12.75
2000 MkI, II £42.60 £12.75
Spitfire MkII, IV £38.60 £12.75
GT6 MkI, II £38.60 £12.75
TR7 £34.60 £12.75
Acclaim £38.60 £12.75

VAUXHALL

Astra £38.60 £12.75
Chevette Sal./Est. £38.60 £12.75
/HB £34.60 £12.75
Viva HA/HB £38.60 £12.75
/HC Sal./Est £42.60 £12.75
Victor FE/FD Sal./Est. £42.60 £12.75
Cavalier, Sal./Coupe £42.60 £12.75
Bedford HA Van £42.60 £12.75

VOLVO/DAF

33/44/66 £38.60 £12.75
343/345 £42.60 £12.75
140/240 Sal./Est. £42.60 £12.75

VW

Golf* £22.60 £12.75
Polo* £22.60 £12.75
Derby to '81* £22.60 £12.75
Derby '81 on £42.60 £12.75
Passat Sal./5dr/Est. £42.60 £12.75
Scirocco* £22.60 £12.75
Jetta* £22.60 £12.75

* S K Boot & Bonnet Only

REF.

CC2235

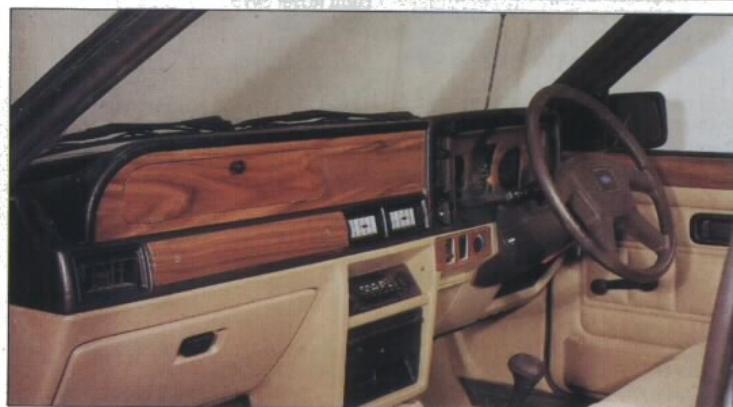
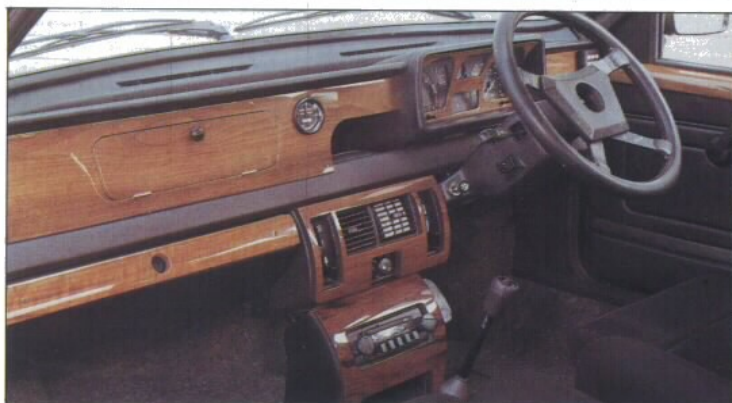
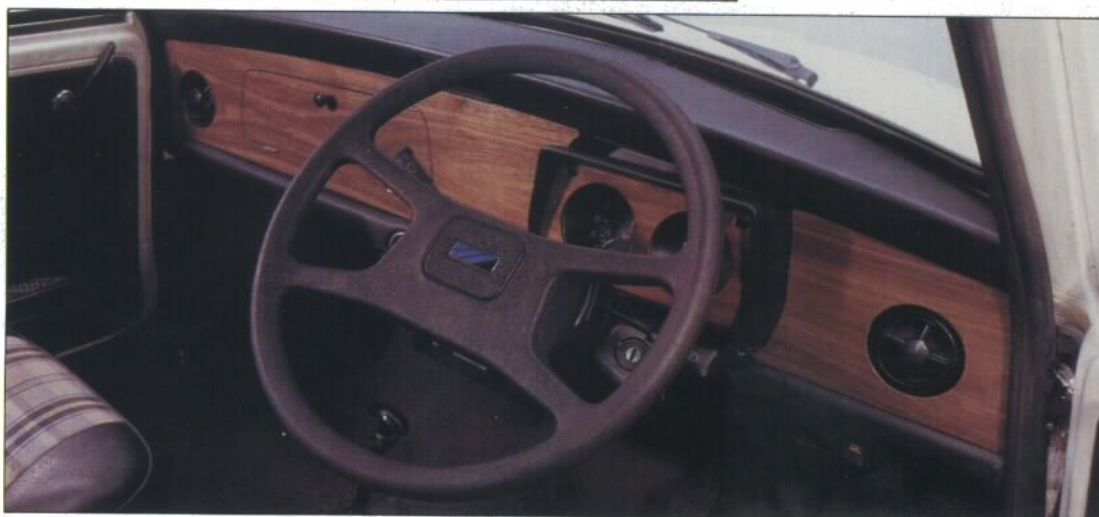
**HELLA REAR SCREEN BLIND**

Venetian blind type Louvres, push fitted behind the rear window surround. Suitable for most vehicles with rubber surrounded rear windows. Maximum height 29", maximum width 53".

CC2376**£18.50****ROKEE**

Genuine Polished Wood Veneer Facias
Add elegance and luxury to your car by the simple addition of a Genuine Polished Wood Veneer Facia.

- Easy to Install
- Requires No Special Tools
- Kits come complete with all Fittings and Instructions.

Facia Kits Illustrated**Mini Metro****Facia Kit****CC2377** **£60.50****Heater and Glove Box Finisher****CC2378** **£24.20****Radio Console (manual transmission only)****CC2379** **£37.95**

Door Facias set of 4

CC2380 **£36.30****Ford Escort MkIII****Facia Kit****CC2381** **£64.35**

Door Facias

CC2382 **£48.40****Mini Clubman, HL****Clubman 1000 and Mini HL****Facia Kit****CC2383** **£42.55****Clubman 1275 GT****Facia Kit****CC2384** **£42.55****Not Illustrated**Mini Facia
850 and Mini City**CC2385** **£42.55**

1000

CC2386 **£42.55**

850 (with fresh air vents)

CC2387 **£42.55**

1000 (with fresh air vents)

CC2388 **£42.55**

Mini Door Facias

Mini (with sliding window) set of 2

CC2389 **£16.50**

Mini (wind-up windows) set of 4

CC2390 **£25.30**Mini Radio Console (RHD only)
Mini Clubman & 1275 GT**CC2391** **£37.95**

Marina MkII

Facia

CC2392 **£47.85**

Door Facias

CC2393 **£25.30**

Ford Fiesta

Facia

CC2394 **£64.35**

Radio Console

CC2395 **£37.95**

Door Facias

CC2396 **£25.30**Ford Popular / Escort MkII
Facia**CC2397** **£60.50**

Radio Console

CC2398 **£27.50**

Door Facia

CC2399 **£25.30**

Volkswagen Golf - up to 1981

Facia

CC2400 **£35.75**

Door Facia

CC2401 **£25.30**

Triumph Acclaim

Facia and Doors in Burr Walnut

CC2402 **£120.00**

SPOILERS





THE QUEST FOR AERODYNAMIC PERFECTION

In the constant search for cost effective ways to reduce fuel consumption and raise performance motor industry research engineers have identified just three key areas in which some advance can be made on the cars of today. Reducing overall weight and the development of more efficient engines are two fields in which we can expect a long haul of small improvements stretching well into the next millennium. But immediate gains are being made in the field of aerodynamics. Witness the great leap made with the launch of Ford's Cortina replacement, the Sierra. With a drag coefficient of 0.34 - the measure of its aerodynamic efficiency - the Sierra is better than 10% more effective at cutting a turbulence-free path through the air than most other mass production cars produced in the last decade. And Ford expect to do even better than this figure with later models of the Sierra to follow over the next two years.

The main difference between today's Sierra and the models to come will be found in some relatively insignificant body modifications such as the use of front and rear spoiler arrangements. These represent the fine tuning of an already superb aerodynamic profile. They are the sort of tweaks that could gain a small percentage increase in performance or conversely a percentage point or two in fuel consumption while at the same time giving considerable improvements in high speed handling by reducing lift on the front and rear axles. Had Ford's engineers started with the far from perfect aerodynamic profiles of many of the cars that have been on the road in the last ten years the gains would be correspondingly greater.

That's the opportunity you can take by buying ready-made front and/or rear spoilers that have been specially designed for specific makes of car during, cumulatively, many years of stringent wind tunnel and dynamic testing. Each spoiler is profiled to fit accurately on to your car's bodywork in the optimum position for the best aerodynamic results whether you are looking for improved fuel economy, a little extra performance or more predictable high speed handling. What you also get is an immediate improvement in styling distinction - spirited looks that set the car, however many there are on the road, apart from the crowd. Spoilers are functional as well as fun and they're also the key to the motoring look of the 1980s, the art of customising by colour co-ordination. It was that thinly disguised Sierra, Ford's styling prototype Probe, that was in the vanguard of the co-ordinated style. With its all silver body relieved only by tiny vestiges of trim and styling motifs, the dominant twin rear spoiler and the subtlety of the two-tone paint shading it epitomises a look that can be created on your own, less exotic, runabout. By remodelling the car with the simple addition of effective spoilers and other cosmetic aids, such as wheel arch flares and false side skirts, then giving it the blower with your own choice of chic metal-flake - wheels, trims, bumpers and all get the treatment - you can take a step up-market at a fraction of the cost of buying a piece of mass-production exotica.

HOW SPOILERS WORK

The crude shape of many cars is not dissimilar to that of an aerofoil. It has a relatively flat underside and, roughly speaking, a curvature of its upper surface from front to rear. However, it varies from an aerofoil in three crucial respects.

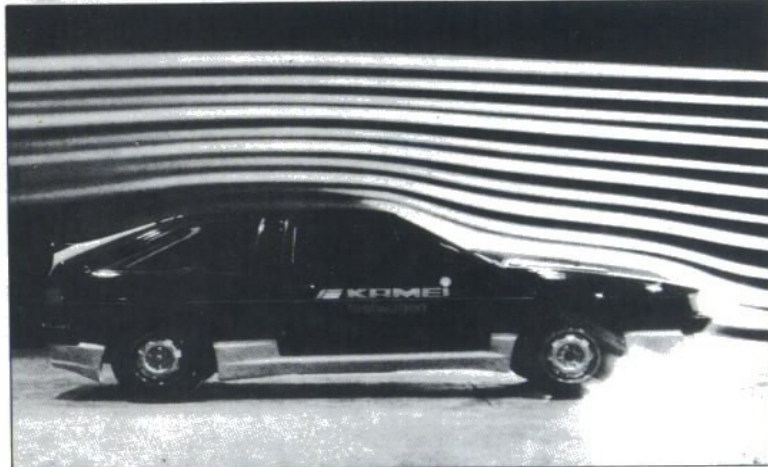


Firstly, the last thing that you want a car at speed to do is lift. At the front lift relieves pressure on the tyres' contact patch with the road, lowering adhesion and affecting the steering (and the traction of front wheel drive models). At the rear traction may be lost and the lowering of adhesion may provoke oversteer. Secondly, the car's underside is not a perfect surface. The wheels are a major cause of air resistance and the unevenness of flow around the engine and transmission parts further increases drag. Finally, the tendency of designers to chop off the rear of the car at the boot-lid - especially marked in some hatchback and all estate designs - creates an area of air turbulence immediately behind the car which is yet another addition to aerodynamic inefficiency.

Front, or chin, spoilers work in two respects. As an air dam they limit air flow underneath the car and spill it around the sides of the vehicle to avoid the drag of the wheels. A slight projection forward creates a small amount of downward pressure on the car's front suspension sufficient to counteract any tendency to lift. The effect is small even at high speeds - perhaps a maximum of 50 pounds weight equivalent - but it is very significant at the limits of the car's adhesion.

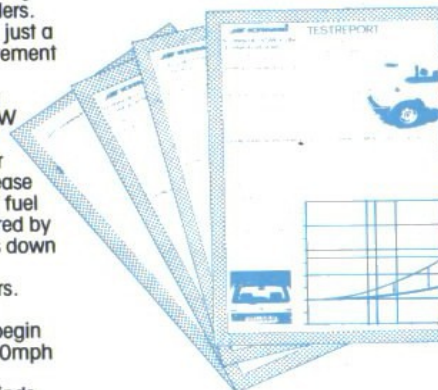
At the rear the aim is twofold. Again it is sometimes necessary to provide additional pressure on the rear suspension for improvements in handling but for many cars it is more important to reduce the amount of air turbulence in the area immediately behind the boot or tailgate. The turbulence exists because the airflow over the car becomes "attached" to the body surface but not so attached that it can follow the sharp cut-off at the rear of most models. The result is that the detachment of the airflow is very uneven coupled with the fact that the car "pulls" along with it a small area of low pressure into which the airflow is drawn. Better design of the body can reduce the low pressure area enormously but on an existing body the aim is to detach the airflow much more cleanly and substantially reduce the turbulence. It is, therefore, usually necessary to mount the spoiler very close to the actual point of detachment on the roof or bootlid.

Just what can be achieved on relatively satisfactory standard car body designs is shown by a set of tests carried out on the VW Beetle and the VW Golf by



aerodynamics experts at Kamei, a major West German manufacturer of spoilers. The humble Beetle 1303 fitted with just a front spoiler chin had a 4% improvement in drag coefficient resulting a performance increase of 7% and a consistent fuel saving of 1.5%. A VW Golf which had both front and rear spoilers proved to have 14% better performance (that's an actual increase in top speed) and was a 3% better fuel saver with its drag coefficient lowered by 9%. On this car the overall lift was down by 43%.

There are other payoffs from spoilers. Although most of the performance increases and fuel savings do not begin to show until speeds in excess of 50mph are reached many cars gain an improvement in reaction to headwinds and cross winds at lower speeds. And that bane of road dirt and mud being deposited on the rear window can be banished. Quelling the turbulence prevents the spray being drawn into the area of the glass so your rear-wiper could become almost redundant.



BBS SPOILERS

BBS SPOILERS

BBS Aerodynamic Spoiler Programme

These quality made German Spoilers come ready to finish in the colour of your choice.

VOLKSWAGEN GOLF RANGE

Front Spoiler (GTI only)

CC2312 £49.05

Rear Spoiler

CC2313 £38.95

5 PIECE SPOILER KIT

Kit comprises of Front Spoiler and four square-style wheel arches

CC2314 £169.20

7 PIECE SPOILER KIT

Kit comprises of Front Spoiler, Four Round-Style Wheel Arches and Two Sill Pieces

CC2315 £189.20



VOLKSWAGEN JETTA (NOT SHOWN)

Front Spoiler

CC2324 £49.05

Rear Spoiler

CC2325 £38.95

AUDI 80 NEW SHAPE (NOT SHOWN)

Front Spoiler

CC2326 £54.35

Rear Spoiler (3 piece)

CC2327 £39.95



BMW

Front Spoilers

CC2316 3 Series £72.40

CC2317 5 Series £79.20

CC2318 7 Series £104.45

Rear Spoilers

CC2319 3 Series £39.95

CC2320 5 Series £44.20

CC2321 7 Series £59.60

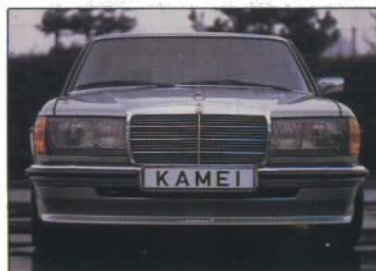
MERCEDES 200 SERIES (NOT SHOWN)

CC2322 Front Spoiler £89.90

Rear Spoiler

CC2323 £44.20





As one would expect with products manufactured in Germany, the quality of Kamei front spoilers is superb. Made from ABS, each spoiler is wind-tunnel tested and a complete fitting kit is supplied. Kamei front and rear spoilers can be painted - please ask for advice.

KAMEI FRONT SPOILERS

CC2152	Audi 80 > 7/78	\$43.9
CC2153	Audi 80	\$48.8
CC2154	BMW 1502-2002	\$50.0
CC2155	BMW 3 with lamps	\$143.7
CC2156	BMW 3 (shown)	\$57.5
CC2157	BMW 5	\$57.5
CC2158	Mercedes (shown)	\$80.5
CC2159	Ford Capri II > 1/78 (shown)	\$51.7
CC2160	Ford Escort II	\$36.2
CC2161	Ford Fiesta (shown)	\$43.7
CC2162	Honda Accord 8/79 > '81	\$57.5
CC2163	Opel Ascona A	\$34.5
CC2164	Opel Ascona B	\$25.4
CC2165	Opel Kadett C	\$36.8
CC2166	Opel Kadett D, Astra	\$81.6
CC2167	Opel Kadett D, Astra (shown)	\$46.0
CC2168	Opel Manta, B, B-CC, Cavalier	\$34.5
CC2169	Peugeot 104	\$36.2
CC2170	Renault 5 (shown)	\$33.3
CC2171	Renault 14	\$33.3
CC2172	Talbot Horizon (shown)	\$40.5
CC2173	*VW Polo > 8/81	\$33.3
CC2174	Derby > 1/82	\$33.3
CC2175	VW Golf (all) (shown)	\$36.2
CC2176	VW Golf (all) with lamps	\$131.1
CC2177	VW Jetta	\$50.0
CC2178	VW Beetle 1302/1303 (shown)	\$36.2
CC2179	VW Beetle 8/67	\$36.2
CC2180	VW Passat > 7/77	\$43.9
CC2181	VW Passat > 9/80-8/77	\$50.0
CC2182	VW Scirocco > 3/81	\$50.0
CC2183	VW Scirocco 4/81 (shown)	\$103.5
CC2184	Fiat 127	\$40.6
CC2184	*VW Polo 9/81 > (shown)	\$62.0
	Derby 2/82 >	\$62.0

KAMEI REAR SPOILERS

Rear spoilers contribute greatly to the stability and performance of vehicles at high speed. Kamei rear spoilers are made from special shock resistance polyurethane foam. EXAMPLE: A VW Golf equipped with a Kamei rear spoiler - lift-up was reduced by 70% and reduced air resistance yielded 5% more power. Fitting kits and instructions supplied. KAMEI rear spoilers are designed for simple D.I.Y. installation.

CC2185	Audi 80 Limousine 8/78 >	\$65.55
CC2186	Opel Ascona B	\$65.55
CC2187	BMW 3 Series	\$65.55
CC2188	Opel Manta B	\$65.55
CC2189	VW Derby, Jetta	\$65.55

2 PIECE REAR SPOILERS

Edged shaped inner contour
Audi 80, Opel Ascona B, Opel Manta B, VW Derby and Vauxhall Cavalier

CC2190	\$44.85
Rounded shaped inner contour	
BMW 3, BMW 5, Ford Capri II, Escort II, Honda Accord > '81, Opel Ascona A, Opel Kadett C, Vauxhall Cavalier.	
CC2191	\$44.85

SPORTS VERSION STYLE

Audi 80-8/78 BMW5, Opel Ascona B, Commodore C, Rekord E, Senator A, Vauxhall Royale, Carlton, Cavalier.

CC2192	\$79.00
CC2193	
Audi 80 > 7/78, BMW3, Honda Accord > '81, Opel Manta B, VW Derby > 1/82, Jetta, Cavalier	
CC2193	\$65.55
CC2194	
Audi 100/200, Mercedes 123, 200-280, Coupe, Opel Commodore B Coupe & Limousine, Rekord-D-Coupe & Limousine, Vauxhall Carlton, Cortina '76 >	
CC2194	\$79.00

HATCHBACK STYLE

CC2195	VW Golf (not cabrio)	\$44.8
CC2196	VW Golf (with int. stop lights)	\$90.8
CC2197	VW Polo > 8/81	\$50.0
CC2198	Ford Escort 3	\$69.8

1 PIECE SCIROCCO REAR

CC2199	Below Window	\$65.5
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KAMEI SPOILERS



Golf X1



D



B



A

BMW 3 SERIES		A	GOLF - X1 PROGRAMME		D
CC2200	Front spoiler with lights	£143.75	(Also available for latest Scirocco and Polo - Please enquire)		
CC2202	Front spoiler	£57.50	CC2210	Front Grill	£224.00
CC2203	Universal decor set	£36.22	CC2211	Front Spoiler	£36.22
CC2204	Moulded side skirts	£102.35	CC2212	Wheel Arches & Side Skirts	£186.87
CC2205	Bonnet air scoop	£28.75	CC2213	Universal Decor available in Greens, Greys, Blues, Reds, Browns	£36.22
CC2206	Rear spoiler	£85.55	CC2214	Rear Spoiler	£44.85
CC2207	Sportsversion	£85.55	CC2215	Bonnet Air Scoop	£17.82
VW GOLF FENDER FLARE KIT		B			

VW GOLF FENDER FLARE KIT B

CC2208	With Spoiler & Skirts	£184.40
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SCIROCCO FENDER FLARE KIT >'81 C

CC2209	With Spoiler & Skirts	£201.25
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C



DOOR STORAGE TRAYS

With integrated speakers 10W - 4ohm. 530mm long - fits all models.

CC2216	Storage trays	£33.35pr
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As above without speakers but with grill. To accommodate 12cm speakers.

CC2217	Storage trays	£18.40pr
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Also available (not shown) Universal trays shaped for tins, bottles etc. 530mm long

CC2218	Storage trays	£9.20pr.
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ENGINE COWL FOR BEETLES

Solves the problem once and for all of water entering the engine compartment. An absolute must for your beetle. Easy fit - No drilling.

CC2219	Engine Cowl	£14.50
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KAMEI



When ordering, please ensure that you quote complete details of vehicle make, model and year. We have been unable in this limited space to list all spoilers available; if your vehicle is not mentioned, please phone with full details of your car.

This range of aerodynamically designed front and rear spoilers improves the airflow over the vehicle to reduce drag. This helps to reduce fuel consumption and make the car more stable in cross-winds.

Richard Grant produce the world's largest range of front and rear spoilers, which enhances the look of the car and due to their design are purchased by many European Car manufacturers and importers.

Front spoilers are made of strong ABS plastic which can be left black or painted.

Flexy Rear Spoilers are supplied complete with full easy to follow fitting instructions.



FRONT SPOILERS

Make and Model	Price
ALFA ROMEO	
Alfa Sud	£27.95
AUDI	
80 (8.78 on)	£35.95
BMW	
1600/2002/Ti	£39.95
3/316/320 Series	£42.95
5 Series	£42.95
CITROEN	
GS Series	£39.95
DATSUN	
Cherry 100A/120A	£32.95
Cherry (79/80) & F2 Series	£27.95
Sunny (78/79)	£27.95
240Z/260Z	£39.95
280ZX	£49.95
FIAT	
124/127/128/128 Coupe/131	£27.95
FORD	
Fiesta	£32.95
Escort Mk 1	£24.95
Escort Mk 2	£22.95
Escort Mk 2 (full width racing)	£27.95
Escort Mk 3	£35.95
Cortina Mk 2 / Mk 4 / Mk 5	£29.95
Cortina Mk 3	£24.95
Capri Mk 1 (all models)	£24.95
Capri Mk 1 (racing)	£32.95
Capri Mk 2	£24.95
Capri Mk 2 (racing)	£39.95
Capri Mk 3	£35.95
Consul / Granada Mk 1	£29.95
HONDA	
Civic Series (to 8.79)	£27.95
Civic (9.79 on)	£35.95
Accord (to 12.79)	£27.95
Accord (1.80 on)	£35.95
Prelude / Quintet	£35.95
LADA	
1200/1300/1500/1600	£27.95
LANCIA	
Trevi / Beta Saloon	£32.95
LEYLAND	
BL Metro	£24.95
MAZDA	
323 Hatch	£29.95
MG	
MGB / GT / V8	£27.95
MINI	
Mini / Mini Clubman	£24.95
Mini (racing)	£27.95
MITSUBISHI	
Colt Sapporo (6.78 to .82)	£39.95
Colt 1400 Hatchback	£33.95
MORRIS	
Marina / Ital	£24.95
OPEL	
Kadett C	£27.95
Ascona B	£24.95
Mantra B Hatch	£27.95
PEUGEOT	
104/305/504	£27.95
PORSCHE	
924	£42.95
RENAULT	
R5/R14	£27.95
R18/R20/R30	£42.95
ROVER	
SD1 Series 2300/2600/3500	£39.95
SAAB	
99 Series / Sedan / Coupe 2/4 dr (9.69 on)	£42.95
TALBOT	
Avenger	£29.95
Horizon / Sunbeam	£25.95
TOYOTA	
Starlet (78/79) / Celica Liftback	£27.95
Celica ST (to 12.77)	£29.95
Corolla GT / Liftback 1980 on	£39.95
TRIUMPH	
TR7	£36.95
Dolomite / Sprint / 1300 / 1500 / 1850	£29.95
Acclaim	£36.95
VAUXHALL	
Viva HC / Magnum / Firenza	£24.95
Chevette	£32.95
Cavalier (to 7.81)	£24.95
VOLKSWAGEN	
Golf / Golf GTi	£29.95
Scirocco (to 5.81)	£42.95
Polo (to 8.81)	£36.95
Beetle with Europe bumper	£27.95
Beetle 1302 / 1303	£27.95
VOLVO	
240 / 260 Series	£42.95

CC5082

Front Spoilers

REAR SPOILERS

Make and Model	Price
AUDI	
80 (.78 on)	£38.95
100/200 (new type 10.76 on)	£38.95
BMW	
316/320/323/323i	£38.95
518/520/525/528i	£38.95
DATSUN	
100A/120A Cherry Coupe (6.71 to 3.77)	£38.95
Cherry F2 Coupe (10.76 to 10.79)	£38.95
140J/160J Violet Sal Mk 3 (12.77 to 2.80)	£38.95
140J/160J Violet SSS Coupe Mk3 (12.77 to 2.80)	£38.95
1.4/1.6 Violet Saloon (2.80 on) SSS (2.80 on)	£38.95
1.6/1.8 Bluebird	£38.95
FIAT	
124 Sport	£38.95
131 Mirafiori	£38.95
Strada/Panda	£38.95
FORD	
Fiesta	£38.95
Escort Mk1/Mk2/Mk3	£38.95
Cortina Mk2/Mk3/ Mk4/Mk5	£38.95
Capri Mk1/Mk2/Mk3	£38.95
Consul/Granada Mk1	£38.95
HONDA	
Accord	£38.95
LADA	
1200/1300/1500/1600	£38.95
LANCIA	
Beta Coupe/Delta/Trevi	£38.95
LEYLAND	
Marina Saloon & Coupe/Ital/ Metro/Maxi/1800/2200	£38.95
MAZDA	
Montrose 626 Saloon/Coupe 323 Saloon/Hatch	£38.95
MITSUBISHI	
Colt Sapporo (to 10.80)/Lancer (12.79 on)/Galant/Sigma	£38.95
OPEL	
Kadett C Coupe/Saloon/City	£38.95
Ascona/Manta B/New Kadett D	£38.95
PEUGEOT	
505	£38.95
RENAULT	
R18/R20/R30	£38.95
ROVER	
SD1 Series	£38.95
SAAB	
900/Sedan	£38.95
TOYOTA	
Celica	£38.95
Corolla DX Saloon/Coupe	£38.95
Cressida (.77 on)	£38.95
TALBOT	
Alpine/Solara/Avenger	£38.95
VAUXHALL	
Cavalier (to .81)	£38.95
Viva HC/Magnum	£38.95
Royale/Astra/Chevette/ Carlton	£38.95
VOLKSWAGEN	
Derby/Golf/Jetta	£38.95
VOLVO	
240/260/343	£38.95



Flexy Rear Spoiler



Quatrofoil



Flexy Rear Spoiler

CC5083 Flexy Rear Spoilers

QUATROFOIL

Quatrofoil is the drag reducer. Its angular design permits over and under airflow to improve roadholding and stability whilst reducing drag and saving fuel.

It features a "wedge spacer" adjustment that permits the correct rake for each boot lid or fastback. As with any Richard Grant product the quality of finish is assured. Quatrofoil is moulded in tough black polyurethane suitable for spray matching to the cars body work. It comes boxed with full fitting kit and instructions.

CC5087 £42.95

UNIVERSAL REAR SPOILER

This ever popular universally fitting rear spoiler fixes firmly on any boot lid or roof by 2 integral legs. It is moulded in tough rigid polyurethane foam suitable for spraying if required. It comes boxed complete with fitting kit and instructions.

CC5088 £36.95



Universal Rear Spoiler



RICHARD GRANT. CAR STYLING KITS.

FORD FIESTA

Front Spoiler

CC5082 £32.95

Rear Spoiler

CC5083 £38.95

Wheel Arch Extension (set of 4)

CC2351 £34.50

Sill Kit (pair)

CC2352 £42.95

(Total if Ordered Separately £149.35)

Complete Car Kit Ordered

CC2353 £133.95

MINI METRO

Front Spoiler

CC5082 £27.95

Rear Spoiler

CC5083 £38.95

Wheel Arch Extensions (set of 4)

CC2354 £34.50

Sill Kit (pair)

CC2355 £42.95

(Total if Ordered Separately £144.35)

Complete Car Kit Ordered

CC2356 £129.95

VOLKSWAGEN GOLF

Front Spoiler

CC5082 £29.95

Rear Spoiler

CC5083 £38.95

Wheel Arch Extension Kit (set of 4)

CC2357 £42.95

Sill Kit (pair)*

CC2358 £42.95

(Total if Ordered Separately £154.80)

Complete Car Kit Ordered

CC2359 £136.95

* Sill Kit can be used with standard Golf GTI arches.

FIAT STRADA

Rear Spoiler

CC5083 £38.95

Wheel Arch Extension Kit (set of 4)

CC2360 £34.50

Sill Kit (pair)

CC2361 £42.95

(Total if Ordered Separately £116.40)

Complete Car Kit Ordered

CC2362 £109.95

FIAT PANDA

Rear Spoiler

CC5083 £38.95

Wheel Arch Extension Kit (set of 4)

CC2363 £34.50

(Total if Ordered Separately £73.45)

Complete Kit Ordered

CC2364 £69.95

MAZDA 323

Front Spoiler

CC5082 £29.95

Rear Spoiler

CC5083 £38.95

Wheel Arch Extension Kit (set of 4)

CC2365 £34.50

Sill Kit (pair)

CC2366 £42.95

(Total if Ordered Separately £146.35)

Complete Kit Ordered

CC2367 £129.95

Please note: **Sill Kits** cannot be fitted without Richard Grant Wheel Arch Extension (except Golf GTI)

Wheel Arch Extension can be fitted without Sill Kits.

New Car Styling Kits will be available in the near future. Please enquire if your car is not listed.

EXTERIOR





More and more discerning motorists are realising that a visor does something for what would otherwise be just an ordinary car. That something is style, and we feel that you will appreciate this opportunity to obtain one of the most exciting accessories on the market.

On the practical side, visors protect your rear seats and passengers from the sun, and help keep the interior cool when parked in the open. A clear rear view is maintained by aerodynamic flow deflecting rain and dirt off the rear window, and even in winter, frost and snow fall on the visor, not on the glass. Ample space is allowed for cars with rear wipers.

Rear Screen Visors are available for almost any car and are designed, developed and made in England by Auto-Plas, a leading European auto accessory manufacturer. Fitting is simple, with no drilling or screwing required, and the visor is securely retained under all conditions, even through a car wash. Complete the order form stating clearly your car's make, model, year of manufacture, and specify whether rear wiper is fitted.

Alfa Sud & Sprint, Mini, Chrysler/Talbot Alpine, Citroen GS & CX, Dyane 2CV, Datsun Cherry, Fiat 131, 132, 124, Honda Civic (Hatch), Renault 5, 20, 30, Volkswagen Beetle, Golf (without wiper), Polo (without wiper).

CC2460

£27.95

Alfa Alfetta Coupe, Marina, Ital, MGBGT, Dolomite range, TR7, Allegro, Metro, Avenger, Fiat Strada, Ford Capri I, Cortina II & III, Escort I, Fiesta (without wiper) Honda Accord (saloon), Prelude (without wiper),

Lancia Beta Coupe, Mazda 323 (without wiper), Mitsubishi, Colt 1400, Peugeot 104 (5 door) 305, Renault 12, 16, 15, 17, Simca 1000, 1100, Vauxhall Chevette, Viva, Volkswagen Derby.

CC2461

£29.95

Alfa Guilietta, Audi (all excluding Coupe & Quattro), BMW, Leyland Princess, Maxi, Chrysler/Talbot Sunbeam, Horizon, Hunter, 180/2 litre, Solara, Citroen LN, Visa, GSA, Datsun (all except Cherry), Daihatsu, Fiat 128, 127, Ford (all except as in

CC2461), Honda Accord (Hatch), Quintet, Civic 3/5 door, Prelude (with wiper), Lancia Beta Delta, Mazda Montrose 323 (with wiper), Colt Celeste, Galant, Sigma, Lancer, Opel (all except Manta (Hatch) and Monza), Peugeot (all except 104 & 305), Renault 14, 18, 17, Saab, Matra Rancho, Subaru, Toyota, Volvo, Vauxhall Cavalier, Royale (not coupe), Carlton, Viceroy, Astra, Volkswagen Passat, Scirocco, Microbus, Golf & Polo (with wiper), Jetta.

CC2462

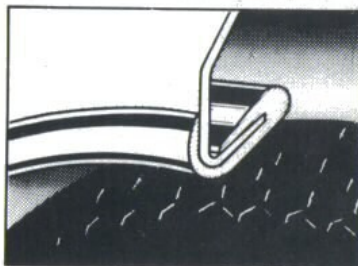
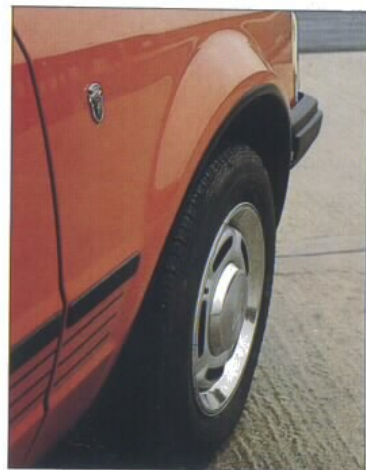
£31.95

Audi Coupe & Quattro, Jaguar/Daimler XJ6, 12, Rover 2300, 2600, 3500, Range Rover, Mazda RX7, Mercedes-Benz, Colt Sapporo, Opel Manta (Hatch), Monza, Porsche (not 911 Targa), Renault Fuego, Matra Bagheera, Vauxhall Cavalier Sports hatch 3 door, Royale Coupe.

CC2463

£37.95

We have been unable in this limited space to list all available; if your vehicle is not mentioned, please phone with full details of your car.

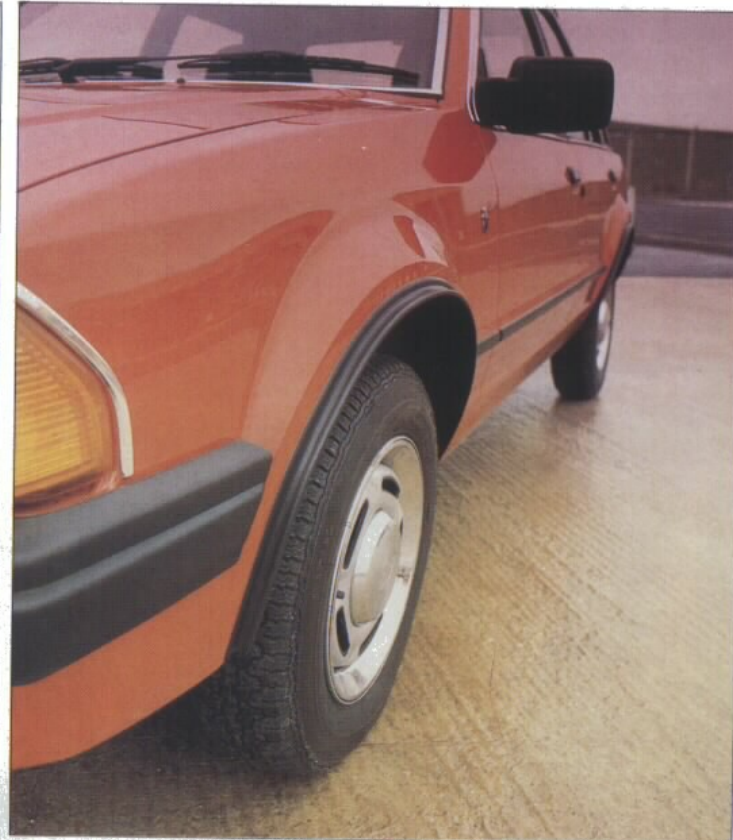


ARCHGUARD

Gives your wheel arch protection from stone chips (and the resultant rust), dents, road salt, parking knocks and scratches etc. Archguard is a flexible black moulding which completely encloses the inner

wheel arch flange and extends onto the outside edge. It has been designed to be fitted into the car bodywork so giving the appearance of original equipment fitting. Archguard is supplied with a full fitting kit for easy fitment. Needs no drilling or glueing. Please give full details of vehicle make, model and year.

CC5084 Archguard £15.95



ARCHFLARE

Gives your wheel arch the same invaluable protection as Archguard with the facility of extending the wheel arch by approximately 3/4"

CC2062 Archflare £19.95



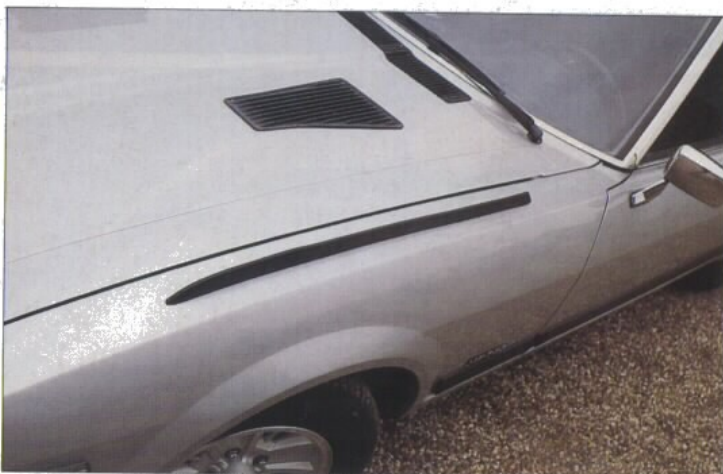
TURBOVANE

The wind deflector for hatchbacks, estates and station wagons.

- ☐ Improves Rear Screen Vision
- ☐ Aerodynamic Styling
- ☐ Instant Easy Fitment
- ☐ Snap Fit - No Drilling Required
- ☐ Plastic Moulded Parts
- ☐ Kit Contains 2 TurboVanes and 4 Fixing Brackets

Please give full details of vehicle make, model and year

CC2064 Turbovane £7.95



AIR TRIMMERS

Race developed and proven, universal wing trims reduce drag by controlling the direction of airflow across the bonnet.

Made in black semi rigid polyurethane foam - Simple to fit - supplied in sets of two

CC2063 AirTrimmers £14.95





TINTS

▲ WINDMASTER 'TINTS'

The new Continental type deflector manufactured in smoke grey. These deflectors have the accent on style and have a larger aperture than the original Windmaster Weather Shield. The 'Tints' are only available in pairs.

When ordering please state Make, Model and Year of car, whether estate or saloon, two or four door.

CC2368

Pair £28.00

Windmaster

◀ EECO WINDMASTER WEATHER SHIELDS

Reduces annoying draughts and enables true window down motoring. Combats cigarette fumes, car sickness and drowsiness. Up to the minutes styling in aerodynamic shape the Windmaster is a must for all those who enjoy fresh air in the car.

When ordering please state make, model and year of car, whether estate or saloon, two or four door. Available separately in either left or right hand (please state this in your order) or as a matched pair.

CC2369
CC2370

Each £11.30
Pair £20.00



AIRPRESS SUNROOF DEFLECTOR

If your car has a sunroof, you will really appreciate the benefits provided by one of these deflectors which reduce wind roar and draughts, allowing the sunroof to be opened completely so you can enjoy more fresh air and sun without discomfort. They will also help to save fuel by lowering the drag caused by the open sunroof. With the Air Control version, you can control ventilation too and tune-out buffeting by means of the fully adjustable vent-flap.

Robustly made from highest quality acrylic, Air Press deflectors are tailored for specific car models, so ensuring a perfect

fit on your car. They are easy to install and remain secure at all speeds and in car washes.

Available for original equipment sliding roofs of the following makes. Approved by the German Automobile Club.

Alfa-Romeo, Audi, Citroen, Datsun, Fiat, Ford, Honda, Jaguar/Daimler, Lancia, Mazda, Mercedes (inc. estate), Opel, Peugeot, Renault, Rover, Saab, Talbot, Toyota, Vauxhall, Volvo, Volkswagen.

CC2000	Air Control*	£33.45
CC2001	Standard	£27.45

* Air Control includes vent flap



PARSPEX HEADLAMP SHIELDS

■ Protects your valuable front light units. Made in high quality 3mm toughened 100% acrylic with stylish pinstripes and chrome fittings. Theft-Proof fitment.

■ Improves the look of your car. Also protects your costly headlamp units from flying stones and minor bumps.

■ Easily fitted. No unsightly marks on body of car, full fitting instructions are provided.

■ Quick removal for cleaning. Just wipe with a damp cloth. Does not affect headlamp wash-wipe units.

■ Precision engineered. With all exposed edges machine-revelled to remove dangerous sharp edges.

CC2002	Ford Cortina V	£27.70
CC2003	Ford Cortina IV	£27.70
CC2004	Rover SD1 (Early)	£27.70
CC2005	Rover 3500 (New)	£31.00
CC2006	Daihatsu Charade	£27.70
CC2007	Mazda 626	£31.00
CC2008	Rover SD1 Spot cover	£14.00
CC2009	Rover (New) Spot cover	£14.00



RICHARD GRANT

TAILBLAZERS

These attractive rear panels are available for the following cars: The kit comes complete with all necessary fixing instructions, and where applicable, brackets and lighting for repositioning the rear number plate.

If your car is not shown, please enquire for further details.

BMW 3 Series
Motif 'BMW'

CC2333 £21.95

Motif '323i'

CC2334 £21.95

VOLKSWAGEN GOLF (1981 on)
Motif 'Golf'

CC2335 £28.95

Motif 'GTI'

CC2336 £28.95

BL MINI METRO
Motif 'Mini Metro'

CC2337 £28.95

FORD ESCORT MKIII
Motif 'XR3'

CC2338 £31.95

Motif 'Escort 1.3'

CC2339 £31.95

Motif 'Escort 1.6'

CC2340 £31.95

RENAULT R5
Motif 'Renault'

CC2341 £39.95

Motif 'Renault A5 Turbo'

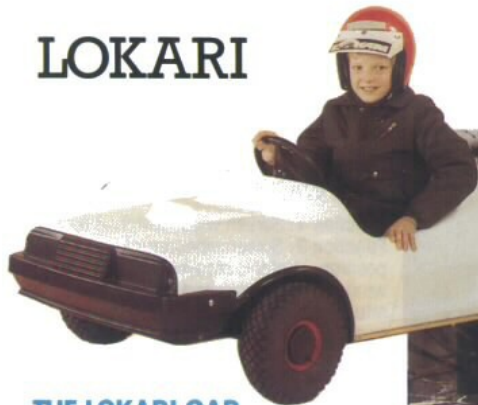
CC2342 £39.95

INTERSPORT

VISOR

Protection against the sun for rear passengers as well as deflecting rain and snow. The visor, made in high quality smoked acrylic, is fitted simply with a special adhesive. Ideal for not only cars (including those with rear wipers) but caravans, boats etc. Car-Wash proof. Please state make, model and year of car when ordering.

CC2343 £27.95



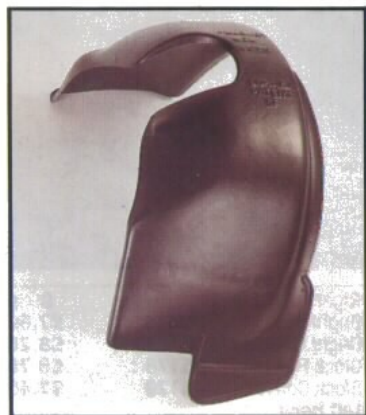
THE LOKARI CAR

The Lokari car has not only been designed to provide useful experience and knowledge to young potential drivers but also to be a lot of fun. The 3HP 4 stroke engine has a centrifugal clutch and a maximum speed of 20 mph

- Welded tubular steel frame for safety.
- High density, Impact resistant polyethelene body.
- Closed floor section.
- Drum brakes for rear wheels.
- 2 pedals — brake and accelerator.
- Pneumatic tyres with heavy-duty tread.
- Mechanical parts guarantee - 1 year.
- Body Guarantee - 3 Years.

Please note: A helmet must be used and an adult must be present when the car is driven for safety.

CC2010 Car £595.00



LOKARI WHEEL ARCH LINERS

Lokari Wheel Arch Liners fit neatly and unobtrusively under the front wheel arches of your car to reduce damage to underseal and help stop body corrosion.

- Help protect headlamp assemblies and engine parts.
- Ventilate front wing area with channelled air-flow.
- Reduce road noise
- Widely sold in Europe and

- Scandinavia for 10 years
- Now fitted as standard by many manufacturers
- Plastic or Aluminium dependant on Make/Model
- Quick and easy to fit,

without special equipment.

CC2011 Liners £39.99 pr

Please enquire for your particular car. Please state when ordering, Make, Model and Year of your car





HELLA

REAR WASHER-WIPER

Function 1: Screen wiper switched on
Function 2: Screenwiper remains in "on" position. Water is sprayed on to the rear window. When released the switch returns automatically to "wipe" position.

CC2233 Washer-Wiper £38.00

Rear window wash-wipe systems are suitable for the following vehicles:

Alfa Romeo Alfaletta **Citroen** Ami 8, ID/DS Estate, GS Estate, Visa **Colt** Celeste **Datsun** Cherry Estate, 120Y Estate, 180B Estate, 280C Estate, 280Z **Fiat** 126, 127, 128 Estate, 128-3P, 131 Estate, Strada **Ford** Capri II, Consul/Granada Estate, Cortina III and IV Estate, Escort Hatch and Estate, Fiesta **Honda** Civic **Lada** 1200 Estate, 1500 Estate, Niva **Leyland** Allegro Estate, Landrover **Opel** Kadett B/C Estate, Kadett City, Rekord E/11 Estate **Peugeot** 104C, 104SL 9/76 - 204 Estate, 304 Estate, 305 Estate, 504 Estate **Renault** R5, R6, R12 Estate, R14, R15, R16, R17, R18 Estate, R20 R30, **Saab** 99 Combi **Simca** 1100, 1100 Estate **Talbot** Alpine **Toyota** Sarelet, Corolla Estate, Corolla Liftback, Celica Liftback **Vauxhall** Viva HC Estate, Chevette Estate Van, Chevette **Volvo** / **Darf** 66 Estate **VW** Golf Passat, Passat Estate Polo, Scirocco, Type 2 1980.



AUTOSAFE

PREMIER ELECTRIC DOOR MIRRORS

Selected for the Design Centre Index and of streamlined modern design, the Premier electric mirror offers the Premier electric modern design, the Premier electric mirror offers perfect rear vision to the driver at all times. Simple to operate, one movement of the control switch gives a single step movement to the glass in the desired direction. Invaluable for night driving, glare and dazzle from overtaking vehicles and dangerous blind spots being quickly eliminated with the simple touch of a button. Available in both left and right hand, flat or convex anti-dazzle glass, the mirror housing comes in a matt black finish with a matt-black universal base and stem. Each mirror comes complete with a full fitting kit comprising mirror, 2300mm wiring harness, fuse and switch suitable for fascia or door mounting.

Right Hand		£	p
Flat Glass	CC5172	£29.95	
Convex Glass	CC5173	£29.45	
Left Hand		£	p
Flat Glass	CC5174	£29.95	
Convex Glass	CC5175	£24.45	



AUTOSAFE DOOR MIRRORS

Selected for the Design Centre Index and manufactured to a very high standard these mirrors allow for easy fitment with no metal to metal contact, thus avoiding corrosion. Available in either highly polished stainless steel housing with chrome plated stem or attractive matt black plastic coating finish. EEC approved.

Right Hand		£	p
Bright Flat	CC5176	£7.60	
Bright Convex	CC5177	£8.25	
Black Flat	CC5178	£6.75	
Black Convex	CC5179	£7.40	
Left Hand		£	p
Bright Flat	CC5180	£7.60	
Bright Convex	CC5181	£8.25	
Black Flat	CC5182	£6.75	
Black Convex	CC5183	£7.40	



HELLA 4004 GT SPORTS MIRROR

Aerodynamic shape, with convex mirror surface. Diameter of mirror head 110mm. Tough material and vibration-free mounting on bodywork.

CC2234 Mirror £10.90



Rover SD1



Mini-Metro



Talbot Horizon



Audi 80



Honda Civic

PROFILEX

- Protect your car from dents and scratches the smart way.

At last! A rubbing strip kit that is easy to fit and actually improves the appearance of your car.

Latest technological advances in extrusion production bring you the PROFILEX 56 Rubbing Strip - a unique

combination of stainless steel strip and resilient black PVC Buffers.

Already hailed by many as the best on the market, each PROFILEX set is pre-cut to fit your make and model of car exactly! Self-adhesive backing on each strip ensures easy fixing and a really permanent bond that will stand up to high temperatures, adverse weather conditions and even the automatic car wash.

Get PROFILEX Protection Now!

GROUP 1

DAIHATSU

Charade 2 & 4 dr

FORD

Fiesta, Escort 2 & 4 dr, Capri, Cortina 2 & 4 dr

HONDA

Civic 2 & 4 dr

MITSUBISHI

Colt 2 & 4 dr

OPEL

Chevette 2 & 4 dr, Kadett 2 & 4 dr, Astra 2 & 4 dr

PEUGEOT

104 4 dr, Horizon 4 dr, Alpine, Solara 2 & 4 dr, Samba

RENAULT

R5 3 & 5 dr, Fuego,

VW/AUDI

Polo old and new, Golf 2 & 4 dr, Audi 100 2 & 4 dr, Audi 80 2 & 4 dr.



Fiat Strada



Ford Escort



Volkswagen Golf

GROUP 2

ALFA ROMEO

Alfetta Saloon

CITREON

Visa

FIAT

Strada 4 dr

LEYLAND

Acclaim, Metro

OPEL

Manta

PEUGEOT

305 2 & 4 dr.

RENAULT

R18, R20 & 30, R4

VW/AUDI

Derby, Jetta 2 & 4 dr

CC2272 Group 2 £31.95

GROUP 3

LEYLAND

Rover

PEUGEOT

505

VW/AUDI

Scirocco, Passat (all types)

CC2273 Group 3 £36.95



Vauxhall Astra

When Ordering: Please state make, model and year of your car. If your vehicle is not mentioned, please phone with full details of your car.



Ford Capri MkIII fitted with Richard Grant
front spoiler.

CC2240

£35.95



BRITAX

NUDGE BARS

Stainless Steel Nudge Bars to add style and distinction to your car and give that extra protection against slight knocks.

- No Drilling Required
- All Bars Pre-Assembled

Available in pairs only for the following cars:

British Leyland Allegro

CC2371 £39.95 pair

Ford Escort MkII

CC2372 £39.95 pair

Ford Fiesta

CC2373 £39.95 pair



RICHARD GRANT

FRONT SKIRTZ

A universally fitting front spoiler kit designed particularly for cars manufactured with integral front spoilers e.g. all latest Fords, Vauxhalls, Opels, Toyota Celica liftback, Mazda RX2, and many others. It can also be fitted as an extension to all Richard Grant front spoilers. This flexible underskirt reduces ground clearance by 9.5cm (3 3/4") and has been race tested to reduce drag and increase roadholding. It is made in black, flexible, heavy duty PVC and comes boxed complete with full fixing kit and instructions.

CC2374 £15.50

SIDE SKIRTZ

Side Skirtz can easily be fitted to most cars, to give dramatic competition looks. This unique design incorporates some exciting features:

- The two part design allows the lower section flexibility if contact is made with the ground, kerb etc.
- The correct positioning on any car, can be achieved by a simple modification to the top section.
- Trimming strips add colour and cover the fixing holes.
- Top Side Skirtz are made from black high impact, rigid ABS - lower Side Skirtz are made from black flexible PVC.

Side Skirtz also greatly reduce spray in wet weather conditions as well as protecting the car's bodywork. Complete with all fittings and instructions.

CC2375 £34.50



TARGA WHEEL TRIMS

Top quality wheel trim to give your steel wheels a high class alloy look injection moulded in tough ABS plastic, finished in either silver or gold. Matt black hub caps and wheel nut covers complete the effect. 13" inch Targa Wheel Trims fit the following vehicles. DO NOT FIT ALLOY WHEELS.

ALFA ROMEO Alfa Sud all models
AUDI 80
BMW 2002 Series, 3 Series
CITROEN LN, Visa
COLT/MITSUBISHI Galant, Lancer, Sigma
DATSUN Bluebird, Cherry, Sunny, Violet

FIAT 127 (except early type styled wheels) 128, 131 (except Super Mirafiori with styled wheels)

FORD Anglia 105E, Capri Mk. I, Mk II, MKIII, Corina Mk I, II, III, IV, Escort Mk I, II, III

LADA 1200/1400/1600

LEYLAND Dolomite/Toledo, Marina/Ital, Midget/Sprite, TR7

MAZDA 323 up to '80 (rear wheel drive) 626 Saloon & Coupe, 929

OPEL Ascona A/B, Kadett B/C/D, Manta A/B

PEUGEOT 104

POLSKI FIAT 125p

RENAULT R4, R6, R12 after '76, R14, R18

SKODA 105/120

SUBARU 1300/1600/1800, 281

TALBOT/CHRYSLER/SIMCA

Alpine/Solara, Avenger, Horizon, Hunter, Simca 1000, 1100, 1301/1501 Sunbeam

TOYOTA Carina, Celica, Corolla, Starlet, Tercel

VAUXHALL Chevette all models, Victor FD/FE, Viva

VW Golf/Rabbit (to fit 5", 5½" and 6" only, does not fit 4½") Passat, Polo, Scirocco.

CC5085 Set of four £19.95

Please state whether you require Silver or Gold



LIGHTING





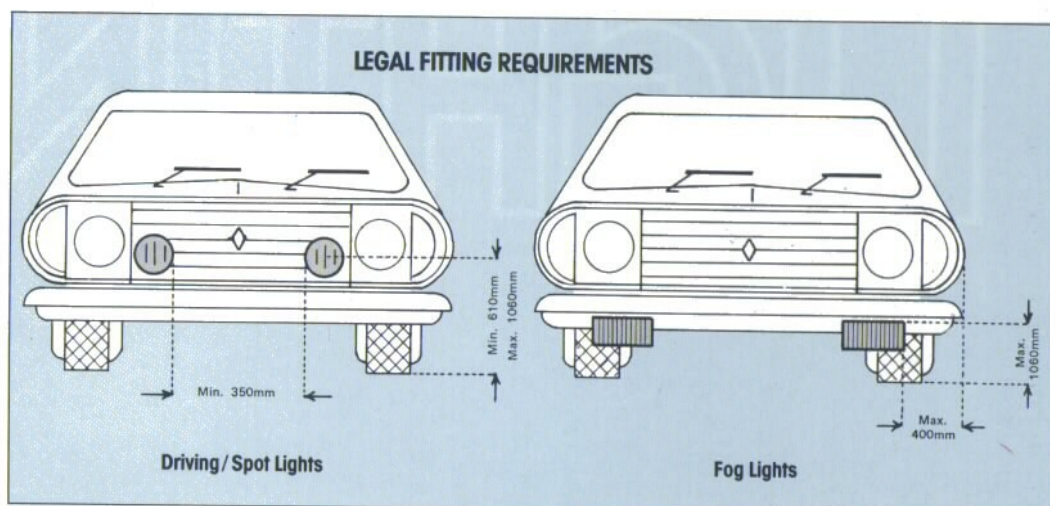
SPOTLIGHT ON AUXILIARY LIGHTING

No matter how satisfied you are with the car's standard lighting - and the widespread use of halogen bulbs and better lenses has brought tremendous improvements in headlight efficiency in the last decade - there's always those occasions when you wish you could spread more light on the unfolding road. Fog is the condition that strikes most terror in the heart of caring and careful drivers despite the Meteorological Office's official figure's which say that large areas of Britain suffer fewer than 10 whiteouts in a year. Of course, they fail to catalogue what every motorist experiences - the morning and evening mists that are fraught with danger as a full-blown fog. Then there's those times you're hastening along unfamiliar country roads when every clue you can get about the nature of the hazards ahead is a vital aid to your safety and that of other road users. Two of the most popular types of car accessory are designed to help you see and be seen in just these conditions. Foglights and driving lights are a relatively inexpensive, easy-to-fit addition to your car's safety armoury that are fully functional as well as adding considerable style to a car's frontal appearance. And, if you don't have the standard rear foglights fitted to cars made after October 1979, there's help at hand to make your vehicle visible for far greater distances in the thickest of pea-soupers. Accessory rear fog warning lights are real life-savers and a constant reassurance that the vehicle behind has adequate warning of your presence.

WHY FOGLIGHTS ARE NECESSARY

Britain's air is always laden with water and relative humidity rarely falls below 55%. As soon as air temperature drops (at sunset, for example) the water is precipitated in the form of minute droplets of liquid, a mist. There's a fine distinction between mist and fog. Very slightly larger droplets of water, formed around dust and industrial pollutant particles, makes the rather denser cloud defined as fog. In both cases the water droplets cause drivers problems. Firstly, a considerable proportion of the light from the car's lamps is reflected, scattered and re-reflected by adjacent droplets. The result is glare in the driver's eyes and a severe curtailment of the light's ability to penetrate and reflect from the road surface. Fog also absorbs light, particular at the blue end of the spectrum which forms a large part of the output of modern lights.

Foglights use the same kind of halogen bulb as those used in head-lamps but it is the design of the lens which tailors the shape of the beam and the position of the foglights on the car that makes them so much more effective than main or dipped beam lights. A foglight's beam pattern is designed to be flat-topped and very broad. The flat top reduces the amount of glare perceived by the driver while the beam width makes it possible to pick up reference points as far apart as the kerb and the centre white line. For the best effect foglights should be as low down on the car as possible. Again this reduces the amount of reflected light thrown into the driver's line of sight. Foglights should



be aimed slightly down at the road surface giving a throw of light which is about the same as that of the dipped beam headlights.

DRIVING LIGHTS - A DIFFERENT QUESTION

The main object of a driving light is to throw a beam of light a very long way in front of the car to illuminate hazards slightly before the car's main beam headlights would be able to pick out any features. Driving lights therefore tend to have a very much narrower beam than a foglight and this beam is shaped by the lens to project a considerable distance by focussing like that of a spotlight. The distance the beam throws is affected by the height of the lamp above the road. Far more road surface ahead of the car and better illumination of vertical hazards can be achieved if the driving lamp is mounted in the same horizontal plane as the headlights.

You won't get the best out of either foglights or driving lights if you buy one of each and mount them in matching positions just under or over the bumper. The wisest choice is to have two of each type of lamp, the driving lamps mounted on a bar or in the grille at headlamp height and the foglights under the bumper. This configuration allows you to get considerably more use from your lights without falling foul of the law (see later).

MOUNTING AUXILIARY LIGHTS - THE OPTIONS

Foglights are best fixed by clamps or bolts to the underside of the bumper where there may already be mounting holes provided, or to bodywork immediately behind and below the bumper. They should face straight ahead of the vehicle and be carefully angled to throw light no further than the beam pattern of the dipped headlights. Foglights usually have 55 watt bulbs and a pair of them will have a current demand in the region of 9 amps so they should be connected via a relay wired into the car's sidelight circuit (or dipped beam circuit for a single foglight). The switch used should be the same one that controls the rear fog warning lights which must have an indicator to show that the lights are on.

The most attractive and practical way to mount driving lights is as a grille kit. The kit consists of a grille to replace the

standard item on the car containing two driving lights with provision for aiming adjustment. Grille sets are available to fit a wide range of popular cars matching the standard grille down to the provision of a place to mount the maker's badge and using the same types of fixings. Alternatives are to use a lamp mounting bar or to bracket them either to the existing grille or the bumper apron. Like foglights, driving lights have 55 watt bulbs and should be connected via a relay wired to the car's main beam circuit and a switch with a warning indicator light.

THE LAW AND AUXILIARY LIGHTS

Lighting regulations are among the most complicated of motoring laws to follow and it's all too easy to fall foul of them both by abusing the lights and by fitting them in an illegal position.

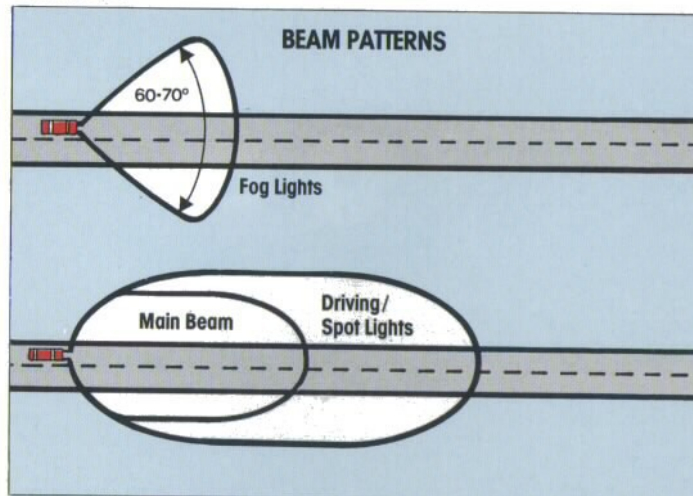
Foglights - Lamps with centres less than 610mm from the ground can only be used in fog or falling snow. A single foglight can only be used in conjunction with dipped beam or main beam headlights. A pair of lamps must be mounted symmetrically about the vehicle's centre line with the outer edge of each lamp no more than 400mm in from the vehicle's width extremity. The top of the lamp should be no more than 1060mm from the ground (see diagram). Foglights must be aimed so they do not dazzle an observer 7.7 metres in front of the car with an eye level of 1.1 metres.

Driving lights - To be used as an auxiliary to main beam headlights only provided that the lamp centres are more than 610mm (2ft) from the ground (grille lamp kits satisfy this requirement). The lamps must extinguish on dipped beam. Pairs of lights must be mounted symmetrically about the vehicle's centre line. Maximum height above ground is 1060mm and two lamps must be greater than 350mm apart. A single lamp can only be used in conjunction with headlamps.

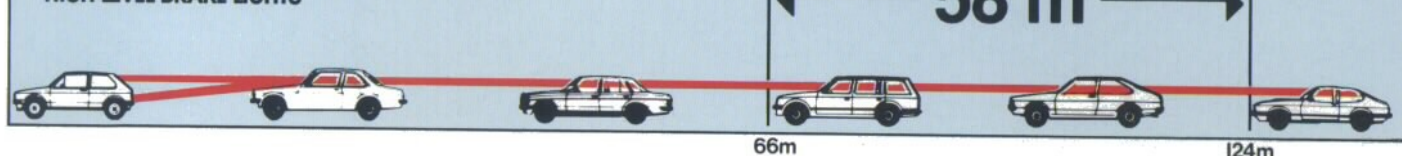
COVER YOUR REAR

If your car was made before October 1979 the chances are it won't have the added protection of rear fog warning lights. Best fitted as a matching pair these powerful red warning lights can be positioned between 250mm and 1m above the ground provided no part of the lens is closer than 100mm to the stoplight lens. A single light must be mounted on the offside - pairs should be symmetrically mounted about the vehicle centre line.

It isn't legal to connect rear red foglights into the stoplight circuitry but you can give following drivers more warning of your brake application using the very popular High-level brake warning lights. These ingenious additions to the car's overall safety are mounted inside the car on unobtrusive pillars and can be seen for considerable distances through the rear window.



HIGH LEVEL BRAKE LIGHTS



A neat, sporty and tailored way of fitting auxiliary lamps to your car. Made of the same material and in the same shape and colour as the original grille.



BMW

315, 316, 318, 318i, 7.75 onwards

CC2074	Fog	£50.00
CC2075	Driving	£50.00



OPEL KADETT D, ASTRA

9.79 onwards

CC2087	Fog	£45.00
CC2088	Driving	£45.00



BRITISH LEYLAND

Mini Metro

CC2076	Fog	£45.00
CC2077	Driving	£45.00



PEUGEOT

504 1.73 onwards

CC2089	Driving	£45.00
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DATSUN

Sunny

CC2078	Fog	£45.00
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TOYOTA

Corolla Liftback, 6.79 onwards

CC2090	Fog	£45.00
CC2091	Driving	£45.00



FORD

Fiesta

CC2079	Fog	£45.00
CC2080	Driving	£45.00



TOYOTA

Corolla Saloon 6.79 onwards

CC2092	Fog	£45.00
CC2093	Driving	£45.00



FORD

Escort

CC2081	Fog	£45.00
CC2082	Driving	£45.00



VOLKSWAGEN

Golf 7.74 onwards

CC2094	Fog	£45.00
CC2095	Driving	£45.00

Spoiler with integral Fog Lamps

CC2096	Spoiler	£56.95
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FORD

Cortina

CC2083	Fog	£45.00
CC2084	Driving	£45.00



Polo, Derby to 2.79

CC2097	Fog	£45.00
CC2098	Driving	£45.00

Polo 2.79 to 9.81

CC2099	Fog	£45.00
CC2100	Driving	£45.00



MAZDA

323 Series 1.80 onwards

CC2085	Fog	£45.00
CC2086	Driving	£45.00



Jetta 8.79 onwards

CC2101	Fog	£45.00
CC2102	Driving	£45.00



**RALLYE 2000 ▶**

225mm diameter. Matt black body with brushed matt chrome rim. 2 point fixing bracket for vibration-free upright or pendant mounting.

CC2102	Fog (Pair)	£52.00
CC2103	Spot (Pair)	£52.00

Floodlight Driving Lamp 12V-100W

CC2104	Floodlight (Each)*	£29.95
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Pencil Beam Long Range

CC2105	Pencil Beam*	£29.95
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Wide Angle Cornering

CC2106	Wide Angle*	£29.95
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* For Off-Road use only.

**181 LAMPS ▶**

Light aperture 195mm x 96mm. Body in matt black finish corrosion proof material. Complete with halogen bulbs, wiring harness, relay, switch and protective covers. For upright and pendant mounting.

CC2107	Fog (Pair)	£35.27
CC2108	Spot (Pair)	£35.27

155 LAMPS ▶

Light aperture 156mm x 96mm. Body of heavy gauge chrome plated steel. Complete with halogen bulbs, wiring harness, relay, switch and protective covers. For upright or pendant mounting.

CC2109	Fog (Pair)	£36.00
CC2110	Spot (Pair)	£36.00

**160 LAMPS**

Light aperture 160mm diameter. Body of corrosion-proof black material. Complete with halogen bulbs, wiring harness, relay, switch and protective covers. For upright mounting.

CC2111	Fog (Pair)	£30.00
CC2112	Spot (Pair)	£30.00

140 LAMPS

Light aperture 140mm diameter. Complete with halogen bulbs, wiring harness, relay, switch and protective covers. For upright mounting.

CC2113	Spot (Pair)	£27.26
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**162 LAMPS**

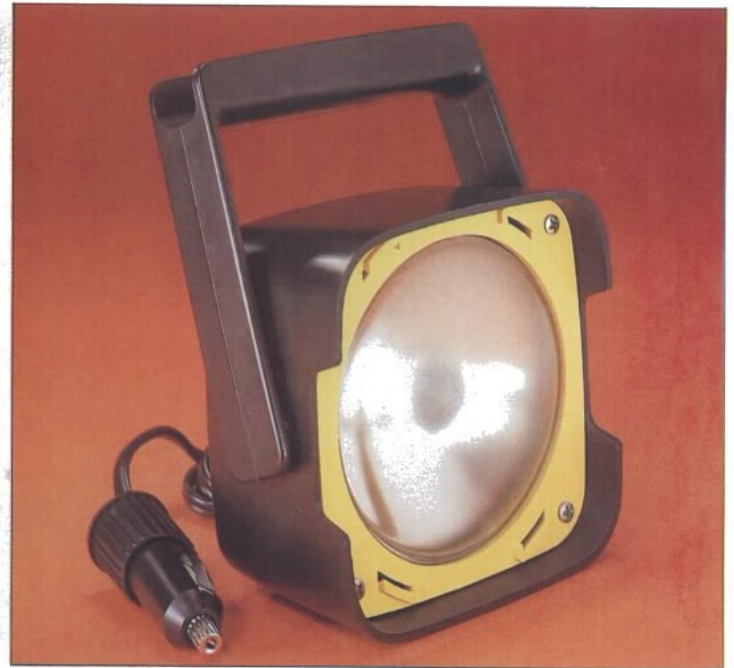
Light aperture 164mm diameter. Black grained body with brushed-look chrome plated rim. Very narrow-barely 2" deep. Perfect for today's tightly profiled cars. Stabilising brackets included for vibration-free fixing.

CC2114	Fog (Pair)	£37.00
CC2115	Spot (Pair)	£37.00

**H4 HEADLAMP CONVERSION**

For vehicles with 2 headlamp systems (165mm diameter), and British vehicles with 7" headlamps with provision for side lights.

CC2116	Conversion (Pair)	£23.00
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◀ BRINKMAN SUPER SPOT

Light up the night with this 200,000 candlepower high-intensity hand-held lamp. Rugged construction, 8 ft. cord with cigar lighter plug. 12 volt only.

CC2025 Brinkman £27.94

SMITHS BRITEMITE ▲

Designed specifically for the motorist, the BriteMite is a compact, high intensity

lamp that fits easily into most gloveboxes. Powered through the car's cigarette lighter socket, with a 15' lead, the searching 110,000 candle power beam illuminates the perils of the dark. BriteMite's unique handle can be set at numerous positions and doubles as a stand, ideal for minor roadside repairs. BriteMite also has a retractable hanger.

CC2026 BriteMite £27.94

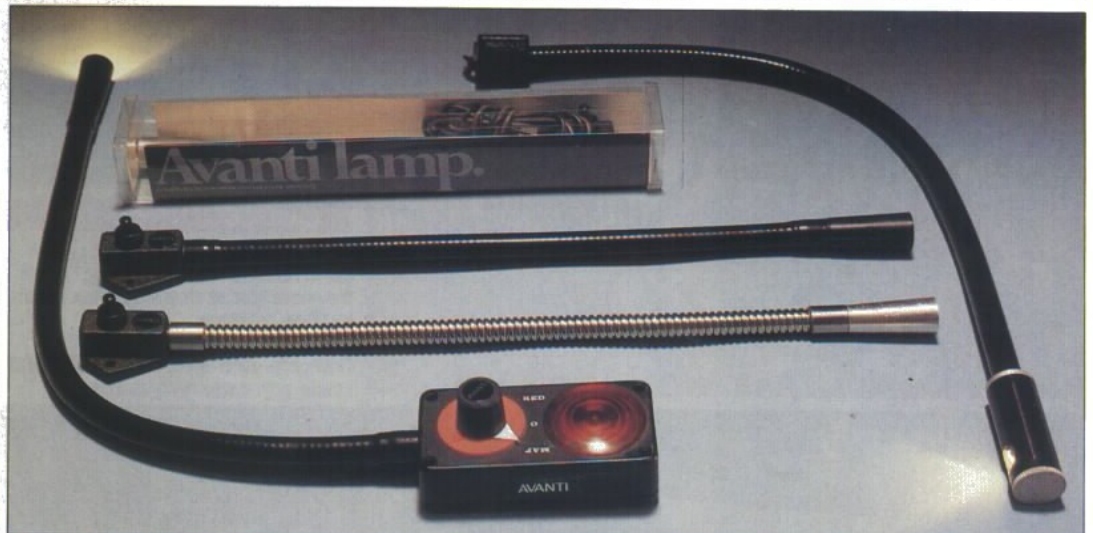
AVANTI MAP READING LAMPS ▶

Recognised as the finest available and used by all the major rally teams. Rallye: Includes adjustable iris. 70 Series: Includes switch. Available in polished or black finish. Professional: Includes white and red lamp illumination.

CC2053 6,12 or 18 in* £12.95

* Please state: Length, Type and Finish Required.

CC2054 Professional £35.95



▲ HELLA REAR FOG LAMP

Model NES 400, matt black body with cable harness. Concentrated light beam.

CC2029 Fog Lamp £4.50



HIGH LEVEL BRAKE LIGHTS ▶

Reduce the risk of multiple collisions. For vehicles with rubber-sealed rear windows of 70 cm max height, complete with lamps and cables etc.

CC2030 Brake Lights £18.50

Pedestal-mounted kit for parcel shelf fitting of above.

CC2031 Pedestal Kit £17.00

◀ HELLA HAZARD FLASHER LAMP

Flashes are visible for up to 3km. Adjustable beam angle. Impact-resistant housing. Includes holder for mounting within vehicle. Uses 5 U2 batteries (not supplied).

CC2032 Hazard Lamp £9.95





KC HILITES

KC Hilites were originally developed for use in American "off road racing" where they have earned an enviable reputation for sheer brilliance.

The top of the range, the 150 watt Daylighter generates a blinding 385,000 candle power which yields a useful

reflective range of some 4 miles. The 100 watt version provides a relatively modest 240,000 candle power with 1 1/2 mile range.

Tough conditions in racing and rallying necessitate tough construction for all components. Lamps are no exception: The KC Daylighter is manufactured with a patented, vibration resistant mounting, a separately wired earth connection running through protective metal sheathing and a special rubber surround to support its Westinghouse optical unit. Because the lamps were designed for use in competition it makes them ideal for high speed night driving anywhere. With a diameter of 6 1/4" and a depth of 5", the lamps are compact so as to mount easily on most vehicles. Probably the most powerful automotive lights available today.

KC Daylighters, Night into Day.

CC2059	150watt Daylighters, per pair	£38.95
CC2060	100watt Daylighters, per pair	£38.95

RECHARGEABLE CAR TORCH

The first ever car torch which is rechargeable again and again, in the cigar lighter socket of the car. Ideal as spotlight, warning light and maplight. Always fully charged and ready for use

CC2061	Torch	£4.95
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ELECTRICAL





■ Sparkrite 'Voyager' Drive Computer

The latest and most advanced microprocessor controlled car driving computer is designed to improve driving techniques by providing the driver with instant fuel, speed and time data at the touch of a button. It also incorporates visual and audible chime: Excess speed, Frost/Ice warning and lights left on alarms.

- Instantaneous MPG/MPL and MPH/KPH readout
- Average speed for your journey
- Time taken on your journey
- Distance covered in total (memory up to 2000 miles)
- Petrol used over total distance stored.
- Average fuel consumption over total distance stored.
- Excess speed alarm. Can be pre-set to 2 speed limits.
- Automatic display dimming at night.
- On-dash, Under-dash or windscreen mounting.
- Easily fitted by the average DIY motorist.

CC2125

£94.95



■ Sparkrite TX 2002 Electronic Ignition System

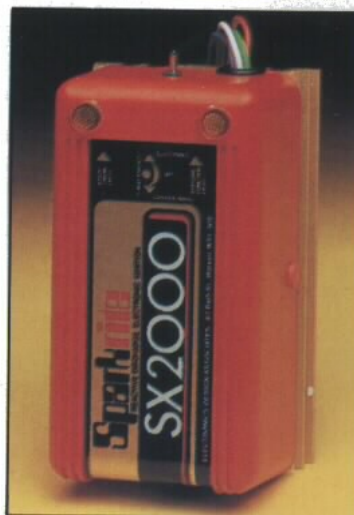
New from Sparkrite ... the ultimate in contactless triggered electronic ignition. The unit features the unique Sparkrite 'Reactive Discharge' circuitry, combining all the advantages of inductive and capacitive discharge systems together with extended energy storage, to achieve the most thorough combustion of even the weakest air/fuel mixtures. Spark timing is controlled by Sparkrite's sophisticated Hall Effect magnetic trigger, which eliminates the problems associated with conventional contact breakers. The unit incorporates a 3-way changeover switch: Reactive Discharge/Security Off/Auxiliary Inductive Discharge back-up circuit, and all encased in a robust die-cast that is fully waterproof.

CC5154 4 or 6 cyl 12v. neg. earth. £49.95

■ Sparkrite SX 2000 Electronic Ignition System

An outstanding achievement in design, the SX 2000 'Reactive Discharge' system combines all the advantages of both inductive and capacitive discharge ignition. It affords the most thorough combustion of all air/fuel ratios, especially the current lean-mixture emission-controlled engines. The SX 2000 provides the highest combustion efficiency and is the ultimate contact-breaker triggered electronic ignition system. It also incorporates an 'Electronic/Security-Off/Conventional' changeover switch.

CC5155 SX2000 12v. neg. earth £30.95





The latest police statistics available show that in excess of 350,000 vehicles each year in the London area alone are tampered with by thieves - today approximately 384 cars will have been stolen or had contents taken from them. You can make it very much more difficult, if not impossible, for the thief to interfere with your vehicle by installing an

efficient and reliable alarm system. With the reliability factor very much in mind we offer the Cobra range of alarm systems. They are produced by one of the leading vehicle security systems manufacturers in Europe and their attention to detail in design and manufacture ensures that Cobra systems are the most advanced and reliable available. Cobra systems do not rely solely on one method of protection but incorporate at least three separate protection circuits viz:

- **Current Drain Circuit**
Easy to install and foolproof in operation. When a door is opened which switches on a lamp of at least 3 watts (i.e. Courtesy Light) the alarm will be activated.
- **Trembler Switch Circuit**
Which will activate the alarm when the vehicle is moved, rocked or in any way vibrated, as when a window is smashed. The switch sensitivity can be adjusted to the user's requirements.

"COBRA" - the reliable one
Technologically the most advanced vehicle auto-theft device available.

You can be sure that COBRA is a system you can trust.

■ **Direct Contact Circuit**
Some models have a separate circuit to allow for the use of extra switches to protect any door, boot or bonnet which is not already switched.

■ **Ignition Immobiliser Circuit**
Immediately the alarm is switched on the ignition circuit of the vehicle is immobilised.

■ **Flashing Light Circuit**
All four direction indicator lights will flash when the alarm is activated. This enables your car to be quickly identified.

No one alarm system will cover all vehicle security needs. For this reason Cobra produce a number of units, one of which will meet your own specific requirements. Each system comes complete with comprehensive and easy to follow fitting instructions.



"RADIO KEY" - Model A410-12VDC, A411-24V DC

The ultimate in vehicle security - with a lock which cannot be picked, far more secure than toggle or key switches. The small "Radio Key" switch can be hung on the car keyring, and will switch the alarm system on or off from a distance of about 5 meters.

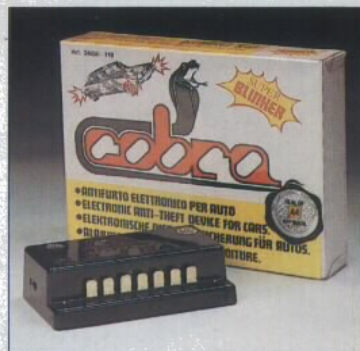
Featuring:

- ☐ Current drain Circuit
- ☐ Direct Contact Circuit
- ☐ Ignition Immobiliser Circuit
- ☐ Emergency Switch Circuit
- ☐ Flashing Lights Circuit
- ☐ Pulsating Electronic Siren of 120DB at 1 Meter
- ☐ Visual Indication that the Alarm is On or Off.

When triggered, the alarm will sound and all four traffic indicator lights will flash for 40 seconds, close down and automatically re-set to provide protection against another attempt to enter.

Supplied with 2 "Radio Key" Switches. The ultrasonic model A910 can be used in conjunction with this unit.

CCA410	12VDC	£109.78
CCA411	24VDC	£109.78



MODEL A119-12V DC

A versatile system easily installed using the vehicle horn. Activated by a toggle switch inside the vehicle or a key switch outside.

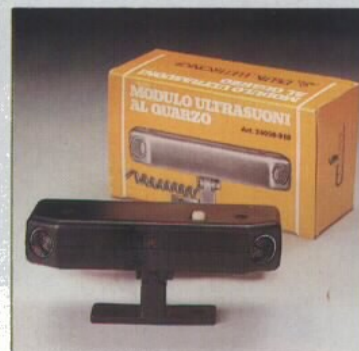
Features:

- ☐ Current Drain Circuit
- ☐ Direct Contact Circuit
- ☐ Ignition Immobiliser Circuit
- ☐ Flashing Lights Circuit
- ☐ Trembler Circuit

When the alarm is triggered, it will sound the car horn system (or siren if fitted) and flash the indicator lights for 30 seconds, close down and automatically re-set to provide protection against a further attempt to enter.

Models A910 or A911 ultrasonic device can be used in conjunction with this model.

CCA119	12VDC	£28.20
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MODELS A910 & A911 12V DC

An ultrasonic device which will detect any movement inside the vehicle including air disturbance caused by a breaking window.

- ☐ Model A910 will activate the current Drain Circuit and is suitable for Cobra Model 410.
- ☐ Model A911 will activate both the Current Drain Circuit and the Direct Contact Circuit and is suitable for use with Models A410, A119 and A406. When used with Model A119 and A406 it is advisable to use an outside key switch, part no CCA0002, to enable the alarm system to be switched off before entering vehicle.

CCA910	£29.27
CCA911	£35.65
CCA0002	£8.17



MODEL A406 - 12V DC

A complete system incorporating a pulsating electronic siren of 112DB intensity. Activated by a toggle switch inside the vehicle or a key switch outside.

Features:

- ☐ Current Drain Circuit
- ☐ Direct Contact Circuit
- ☐ Ignition Immobiliser Circuit
- ☐ Flashing Lights Circuit
- ☐ Trembler Circuit

When triggered, the alarm will sound and the indicator lights will flash for 30 seconds, close down and automatically re-set to provide protection against a further attempt to enter the vehicle.

The ultrasonic models A910 or A911 can be used in conjunction with this model.

CCA406	12VDC	£39.80
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The Hidden "HLR" Model with Remote Dash Unit



**NO-ONE CAN CONDONE
EXCESSIVE SPEEDS BUT IT IS
EASY TO SPEED UNINTENTIONALLY**

SPEEDING CAN JEOPARDISE YOUR LICENCE ... AND MAYBE YOUR LIVELIHOOD!



The "SLR" Model with Coiled Power Cord

DON'T TAKE RISKS-ORDER NOW

With today's modern traffic systems becoming more and more complex and with an ever increasing number of vehicles on our roads, it is fast becoming impossible to concentrate on every aspect of the road ahead. In addition, falling speed limits over recent years have forced us to drive at speeds much slower than a modern car's capabilities. These factors alone therefore can cause even the most conscientious driver to inadvertently exceed the speed limit. The Snooper range of radar detectors has been developed to help the modern driver maintain a better driving record by

promoting increased driver awareness. The detection systems encourage better driving habits and ensures the driver is made more aware of his speed by positive warning of radar zones. Various models have been developed to suit individual driving habits, but all have one common aim; to actively ensure the user is aware of his vehicles speed. There are four systems to choose from in the Snooper Radar Detector line-up: Two long-range models, ideal for both motorway and town driving conditions. The "SLR" with it's simple fitting kit for windscreen or dash mounting and the

hidden version the "HLR" for concealed, behind the grill location. The original model was tested by "Motor Magazine" and proved to have a range in excess of 2 miles! Economic short range units, both effective for around the town driving, are also available: The "Multiband" for simple in-car fitment and the hidden version the "Shadow". All models are backed by a full 12 month warranty against defects during manufacture.

Super Snooper HLR	
CC2236	£182.50
Super Snooper SLR	
CC2237	£167.50
Super Snooper Shadow	
CC2238	£122.50
Super Snooper Multiband	
CC2239	£92.50



▲ RACING STYLE TACHOMETER

0-8,000 rpm. 12 volt. Negative earth. Will operate with 4, 6, or 8 cylinder engines. Easy installation-all wiring and fittings included.

CC2045 Tachometer £35.22



ACCESSORY RELAY CONNECTOR

A simple and safe way of installing up to 5 electrical accessories. Prevents overload on existing wiring. No more hunting for live feed to make double connections.

CC2048 Connector £10.81

ADVANCED CAR COMPUTER

The very latest microchip technology applied to meet the needs of the most exacting. Functions include time and date, elapsed journey time, distance covered, average speed, average fuel efficiency instantaneous fuel efficiency, distance to arrival and estimated time of arrival. Not suitable for diesel or fuel injection.

CC2049 Computer £147.77

SERVOGLIDE POWERED WINDOWS ▶

Fitted in a matter of hours for that factory-fitted look with only the trim cover plates and operating switches visible. Available with either door or centre mounted switches.

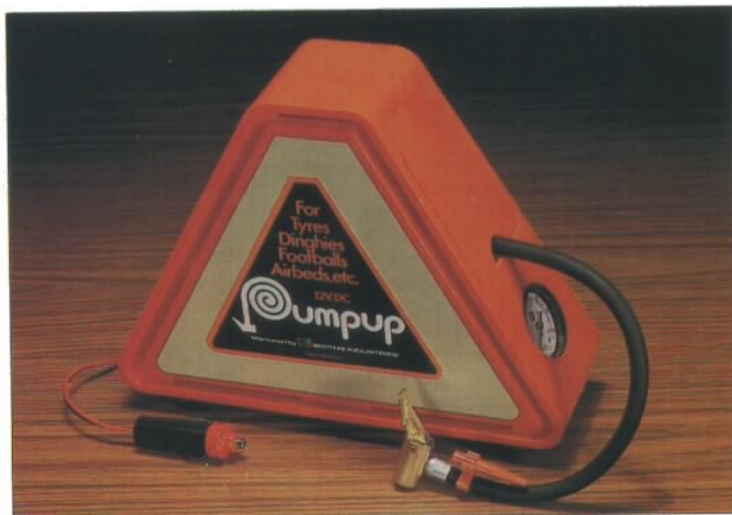
CC2050 Window Kit £71.67

Front door switching kit

CC2051 Front Kit £28.23

Front centre console switching kit.

CC2052 Console Kit £22.82



▲ PUMP-UP AIR COMPRESSOR

Complete with nozzles and adaptors to inflate car and bicycle tyres, air beds etc. Includes air pressure gauge and reflector.

CC2046 Compressor £30.17



◀ QUARTZ DIGITAL CAR CLOCK

Display on with ignition. Display brightens in sunlight and dims in darkness automatically. Affixes to flat surface with adhesive pads. 12 volt negative earth only.

CC2047 Digital Clock £26.45





THE ELECTRICALLY OPERATED CAR BLIND.

Hitrix is the first Venetian blind designed to fit your car. It adds a unique style to any vehicle and in a choice of 4 colours: Black, Silver, White and Red...there's one that's perfect for

you. Hitrix puts individuality right into your rear window and gives you unprecedented control of your car's interior environment at the flick of a switch. When you're driving on a hot summer's day with the sun streaming through the back window your passengers can soon feel

uncomfortably hot. The bright sun tires eyes and prevents relaxation. Use your control to turn Hitrix, eliminating dazzle but still giving clear rear vision. Ideal at Night. Headlamps streaming through your back window can be distracting and potentially dangerous. Hitrix lets you filter out

the light in your eyes without blocking rear vision. Easy to clean Hitrix un-clips easily from its mountings for cleaning.

CC2021 Car Blind £39.95



HELLA SEAT BELT WARNING LIGHT.

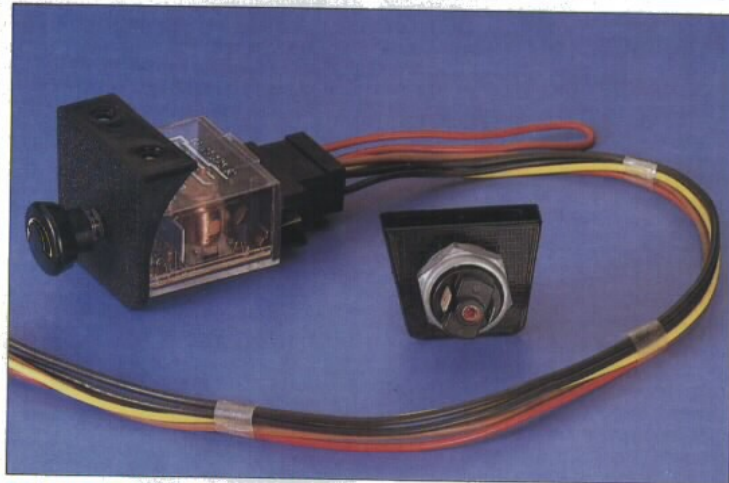
Can be recessed into dash, or fitted underneath it with the bracket provided. Flashes a warning for 15 seconds and then is automatically cancelled until the next journey. It is linked with a relay to the ignition system. There is no risky interference with the car's seat belts.

CC2023 Warning Light £8.75

HELLA SMOKE ALARM

Ideal for vehicles, caravans boats and houses - provides early warning of fire or smoke emitting shrill warning tone. (9v battery not included).

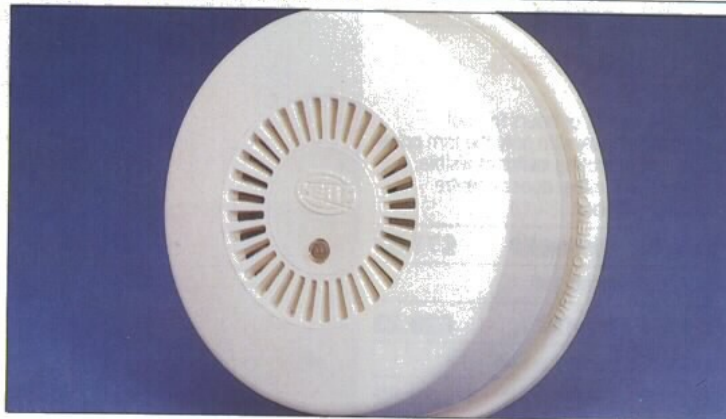
CC2024 Smoke Alarm £16.00

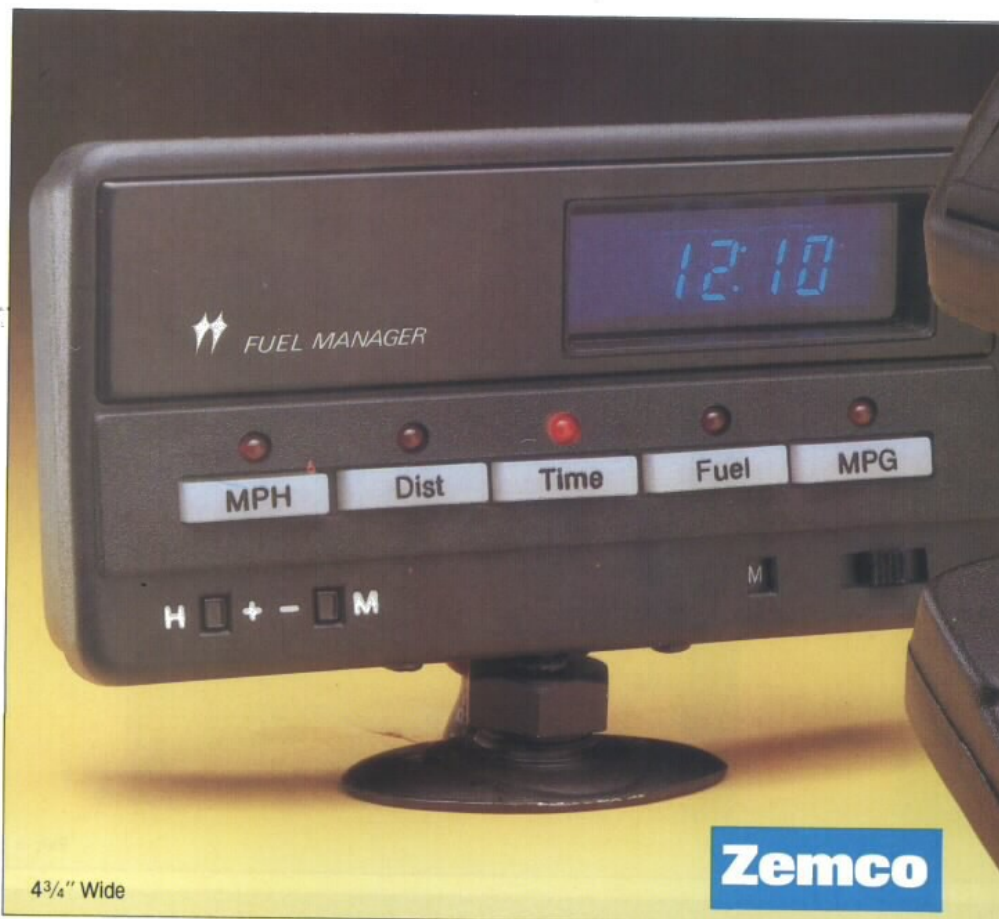


HELLA INTERMITTENT WIPER CONTROL

Screen wiper performs 2 to 20 sweeps per minute.

CC2022 Wiper Control £11.50





4 3/4" Wide

Zemco



ZT10
2 1/4" Wide



ZT11
2 1/4" Wide

Fuel Manager Driving Computer

A 6 function Driving Computer combining precision fuel and distance measurement with crystal quartz timing for economical fuel management and accurate trip computing. Additional features include LED function lamps and backlit keys.

CC2435	Computer	£69.99
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Cruise Control - ZT10

A 4 function Cruise Control utilising the latest microprocessor technology to provide a smooth and responsive total speed control system for improved fuel economy, increased comfort and safety, effortless towing and the elimination of speeding problems.

CC2436	Cruise Control	£69.99
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Cruise Control ZT11

This advanced Cruise Control incorporates all the functions of the ZT10 (On/Off, Set Accelerate and Resume) plus Decelerate/Set/Coast, Resume and tap off for total pedal free driving.

CC2437	Cruise Control	£85.00
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6" Wide



6" Wide



6" Wide

CompuCruise C44

The Ultimate in Car Computers combined with an extremely effective cruise control - CompuCruise is a 25 function computer featuring Fuel Manager - MPG Average and instantaneous. Trip Computer with Distance, Time and Fuel to arrival/on/Trip/to empty. Other features include inside/outside temperature and battery voltage display.

Driving Computer ZC41/ZT2

Also available as a 23 function Driving Computer without Cruise Control Model C41/ZT2.

CC2438	CompuCruise C44	£129.99
CC2439	Driving Computer C41/ZT2	£99.99

Driving Computer ZT3/Z28

The 14 function Driving Computer accurately monitors fuel usage and speed both current and average. Other features include distance travelled, fuel used since fill-up, fuel remaining, time and distance to go until empty. A real breakthrough for improved driving efficiency.

CC2440	Computer	£85.00
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4 3/4" Wide



4" Wide



4" Wide

The Fuel Saver

An Automatic engine Stop/Restart system which saves all the Fuel normally wasted when the engine is idling in stationary traffic. The engine is automatically switched off 2 seconds after stopping, and restarts immediately the accelerator is depressed. Fuel Savings of up to 15% are achievable in urban driving conditions and exhaust emission pollution is substantially reduced.

CC2441	Fuel Saver	£69.99
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Zemco Auto Alarm

Complete vehicle anti-theft protection system, using the latest solid state electronics. Ultrasonic scanner protects vehicle interior and additional sensors protect the bonnet, boot, petrol tank filler cap and against wheel removal. Other features include high intensity separate alarm, automatic re-arming and adjustable entry delay.

CC2442	Alarm	£79.99
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Zemco Wiper Delay

Control unit providing variable intermittent wiper action. LED light indicates precise delay interval selected and smooth continuous action slide control allows any setting between 2 and 20 seconds for elimination of smear and improving visibility in light rain conditions.

CC2443	Wiper Delay	£11.99
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FIAMM HORNS

Fiamm quality horns give a clear, distinct sound and are ideal for both town and motorway driving. Easily fitted. Each set comes complete with detailed instructions.

Electropneumatic Horns Series 3000

Rally

Triple Metal Trumpets, Full European Approval, Synchronised.

Voltage: 12V

Sound Level: 117 dB

Dimensions: 222 x 90 x 215mm

CC2474 MTA/03L £12.99

Mercury

Twin Metal Trumpets, Full European Approval, Synchronised.

Voltage: 6-12V

Sound Level: 117 dB

Dimensions: 142 x 75 x 215mm

CC2475 MTA/OM £11.99

Electromagnetic Horns

Super

Voltage: 6-12V

Sound Level: 112 dB

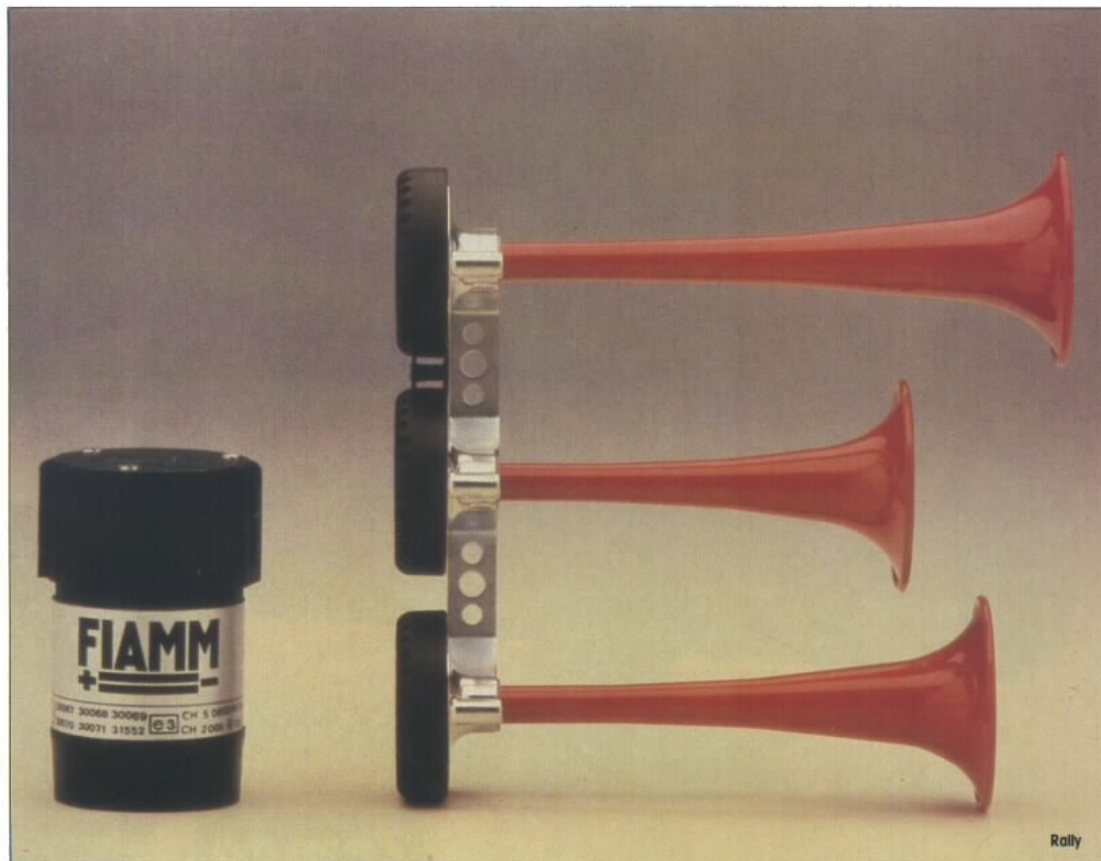
Dimensions: 100 x 95 x 85mm

With red cap and chromed grill for unprotected mounting.

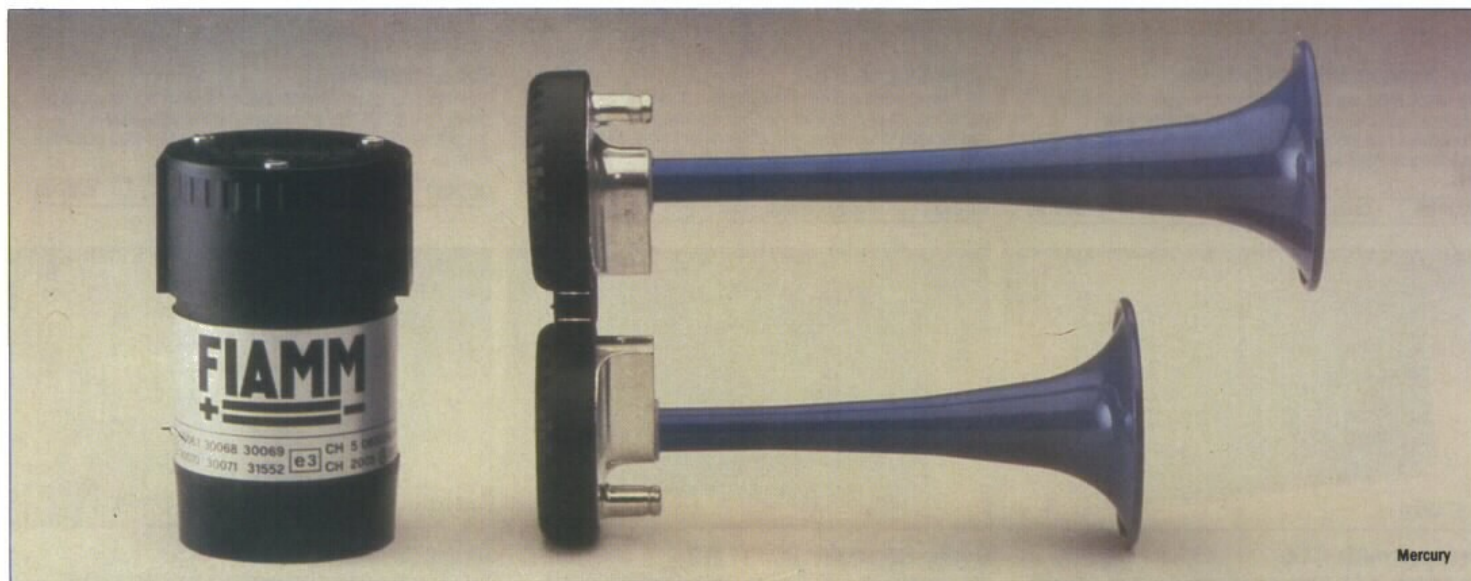
CC2476 CTP/Super £9.50

Also available with chromed cap and grill for unprotected mounting (not shown).

CC2477 CTP/MLA £11.50



Rally

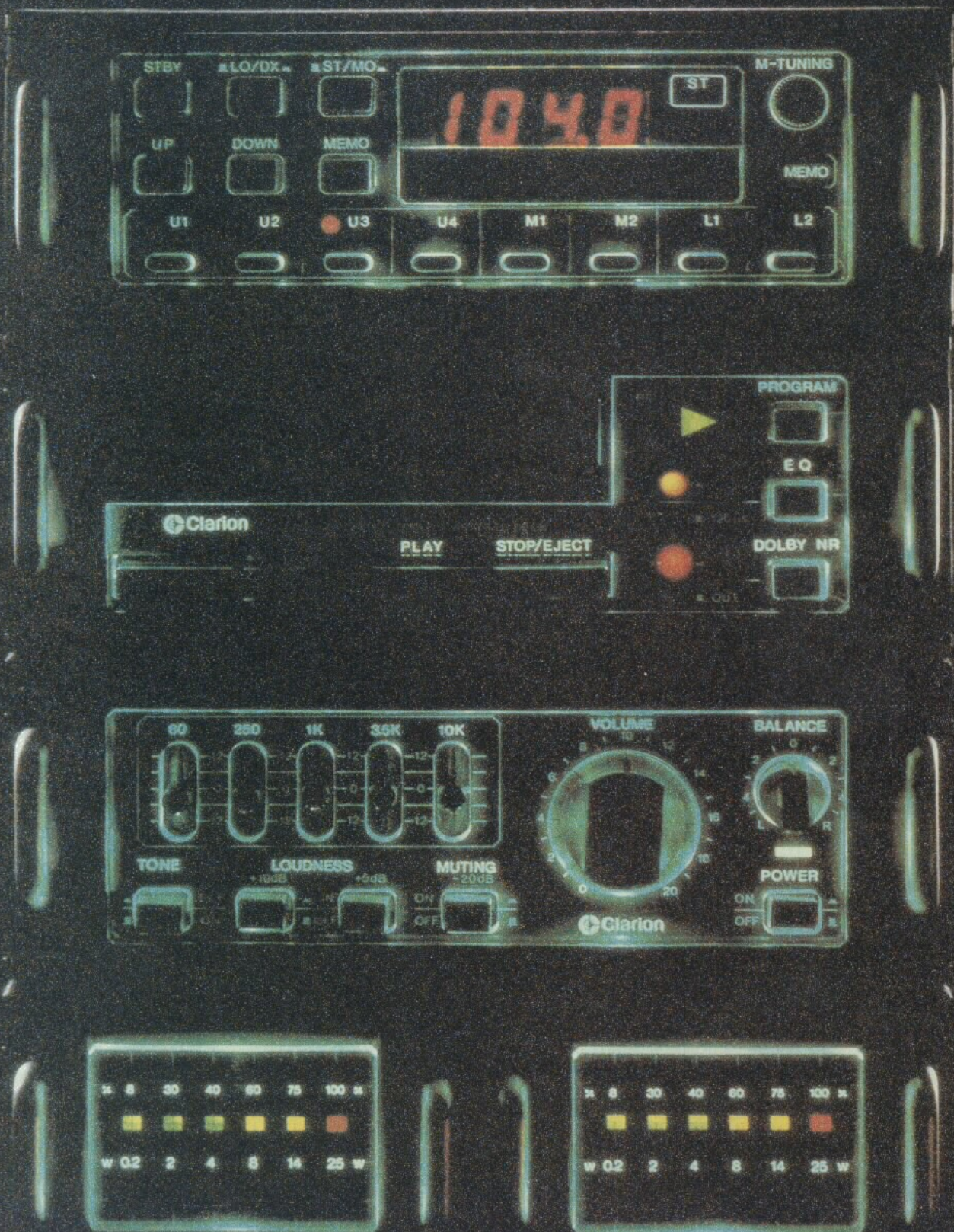


Mercury



Super

I.C.E.





In-car entertainment is one of the most closely fought over sectors of the car accessory market. It is a field in which the consumer has an unparalleled choice of models from simple two-waveband radios to component radio and cassette stereo systems that come close to emulating first-class home hi-fi equipment in audio quality. To attain such high standards within a very small package able to withstand a car's harsh environment involves the use of some very sophisticated micro-circuitry. There may be as many as 30 separate control functions on some modern sets. In these two pages many of the major features and functions of up-to-date car audio equipment are reviewed and there's a look at broadcasting developments that have made in-car listening an essential and enjoyable way to take stress out of hours spent at the wheel.

THE STEREO BROADCASTING EXPLOSION

Britain came relatively late to frequency modulated (FM) broadcasting and even later to widespread transmission of stereo signals. Many BBC local radio stations still only transmit a mono signal but the advent, 11 years ago, of the independent local radio stations (ILRs) started an explosive growth in stereo broadcasting that will continue for the next decade. From inception the Independent Broadcasting Authority (IBA) saw the enormous potential of the car-borne audience, designed its transmitters for good mobile reception and made all transmitters stereo. The BBC has followed - many stations are now updated with stereo equipment and the special signal polarisation needed for better in-car reception.

Today, there's some 30 ILRs and 24 BBC local stations on the FM airways. Nine more areas will get local IBA or BBC transmissions within the next few months. Up to 50 more local stations have been proposed in plans extending to 1992.

This rapid evolution has meant that it has quickly become very much more worthwhile to have an in-car set able to receive FM stereo broadcasts. The network of local stations provides mobile listeners with good quality traffic information useful to home town drivers and longer distance motorists passing by alike. And it also provides considerable programme variety - often a welcome change from Radios 2, 3 and 4. The

experience very little variation in signal strength over many miles while tuned to AM broadcasts. FM signals have a very different character. They weaken considerably as you drive away from the transmitter and are most strongly received only when you are in line of sight with the transmitter. The FM signals bounce off hills and other major features such as buildings but they do not return from the ionosphere.

Therefore the best stereo signals can only be received when you are well within the transmitter range - typically 15-30 miles depending on power output and local topography. This tight range enables the same frequency to be allocated to more than one local station provided they are well-spaced across the country. And it has also meant that to achieve almost complete national coverage for the three BBC national stations a network of over 90 transmitters has been strung out all over Britain.

The main causes of poor FM stereo reception are distance from the transmitter, the reception of multiple signals by direct path and by reflection from buildings or hills, and the periodic blocking of the signal by similar features of the landscape. In the case of BBC national stations it pays to hunt up the next transmitter frequency of the same programme as soon as you find there's a deterioration in signal. For reception of local stations the fall-off in sound quality marks the limits of range - you should then seek another programme. With the wide spread of stations available you should find one to suit your tastes quite quickly. A self-seeking or scanning tuner enables you to do this with the minimum of distraction from the road ahead. Before the signal fades completely you may lose stereo reception. Your FM stereo set will either have a switch to improve mono reception or it will cancel the stereo automatically. Both devices reduce the amount of unwanted background noise. In the jargon-stripping glossary, opposite, you will find many other examples of modern circuitry designed to enhance stereo reception and sustained listening to stations with very weak signals. In areas where there are no good FM signals - mountain country fills the main blanks on the FM reception map - switch to AM Medium Wave or Long Wave stations. Most ILRs and BBC local stations also broadcast on Medium Wave offering good mono signals in many otherwise uncovered areas.

WHERE TECHNOLOGY TOUCHES ON TAPES

Few drivers are content to stick with a radio alone - separate cassette players or players combined with the radio are a major area of market expansion. While it is undoubtedly the radio that has received the bulk of the attention from electronics technologists tape players have enjoyed some considerable efforts at refinement. Many of today's players have, at the very least, a hardened playback head resistant to the use of more abrasive high quality metal and chromium dioxide tapes. Many also have a bias selector which attunes the player to these types of tape for greater playback fidelity.

Most of the better players now incorporate the Dolby 'B' noise reduction system a valuable aid in reducing background tape hiss. Tape transport speed control is another area that has also benefited from electronic techniques in combination with improvements in the quality and design of mechanical parts of the mechanism. These advances have lowered levels of wow and flutter and help to combat the effects of the car's vibration. There have not been so many

advances in mechanical operation, however. The widespread use of auto-reverse decks is, nevertheless, a great convenience to car drivers who need no longer be distracted by the need to identify the side to be played or turn the tape over to change sides.

YOUR CHOICE OF IN-CAR AUDIO

It is most important to view the buying of in-car entertainment equipment as the purchase of a complete system. No radio or tape-player is able to give its best performance without adequate speakers and a good quality aerial. So don't blow your last penny on the set - it is worth buying a slightly less highly featured model in the same range and spending the price difference on better ancillary (but nevertheless essential) equipment. Reviewed below are the main types of equipment that can be matched in a comprehensive car audio system.

COMPONENT CAR STEREO

The development of car audio systems has paralleled, and in some cases led, the evolution of home hi-fi component systems. Just as it has become both fashionable and a major step in the pursuit of excellence to have a rack full of separate home hi-fi units, you can obtain separate radio and tape deck units to couple with units such as an amplifier and a graphic equaliser for your car. Two factors have led to the development of car component stereo systems. Firstly the number of functions that it is possible to include on in-car equipment has outgrown the tight confines of the standard DIN-sized box. By separating out the three or four units of a system design engineers have found more freedom to include all the better features of a top-class audio line-up. Secondly, the consumer has come to expect similar standards of audio quality from in-car systems as it is possible to achieve in the home. This means, among many other factors, that amplifiers with the power to drive better speakers are required and a graphic equaliser becomes necessary to model and audio output to conform to the poor acoustic environment of the car and the driver's individual preferences. Both units take up space and produce heat which is not easily dissipated within a small DIN-sized package.

A component stereo line-up would simply consist of a combined tuner and tape deck (which usually fits in the fascia slot) and a combined graphic equaliser and amplifier which can be fitted under the fascia or in a centre console. The full component system would be separate tuner and deck (as the deck is often the largest unit and the one which needs the most driver attention you may choose to mount it on the fascia) and separate graphic equaliser and amplifier units (some amplifiers are designed to be mounted in any convenient location, e.g. under the driver's seat or behind the fascia, as they have no control functions). The major makers of co-ordinated and compatible component units - Clarion, Pioneer and Philips - offer a wide choice of systems from two units to a maximum of five units (tuner, deck, equaliser and separate high power amplifiers for each channel).

COMBINATION UNITS

Much the largest sector of the market is the combined radio/tape-player or combination unit. Although several of the latest models are built to the new size standard the majority of these sets conform to normal DIN in size and type of mountings so they fit in the fascia of most cars well within reach of the driver. While the size of the combination unit

does limit the number of features on sets in some makers' ranges there are, nevertheless, a few sets that resemble a piece of aircraft equipment in their complexity. They have most of the functions you can obtain in a component system and often have a separate amplifier - the disadvantage may be that some of the controls are so small they can be difficult to operate.

Just recently a few combination units with relatively high power outputs - sufficient to drive four speakers - have become available. However, most combination units have outputs in the range 5-10 watts maximum and this is only sufficient to drive one speaker pair adequately. To drive four speakers the output of most units need boosting by a power amplifier or graphic equaliser/amplifier. An output of about 15W per stereo channel is the minimum that should be aimed for.

SEPARATES

From the wide range of tuner, deck and amplifier units you can build what amounts to your own component system. You may wish to do this by stages - buying a better tape deck in the first instance, perhaps, and then later purchasing a top-class tuner, amplifier or graphic equaliser. The choice is very wide and you should very easily find units that match your own requirements.

POWER OR BOOSTER AMPLIFIERS

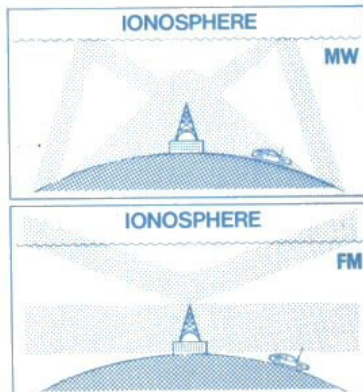
Amplifiers can improve the quality of audio output in two respects. Firstly, they provide the power needed to drive good quality speakers boosting the set's output by a factor of from two to six. Secondly, they enable the base unit, tuner or deck, to be operated in the middle ranges of its audio output, the volume at which its sound quality should be close to optimum.

Amplifiers are available with power outputs in the range 20W to an incredible 80W maximum (units that are more suited to a motorhome than a mere car). Many of them can be interconnected with the combination unit so they switch on automatically. Many also have provision for the use of either two or four speaker channels.

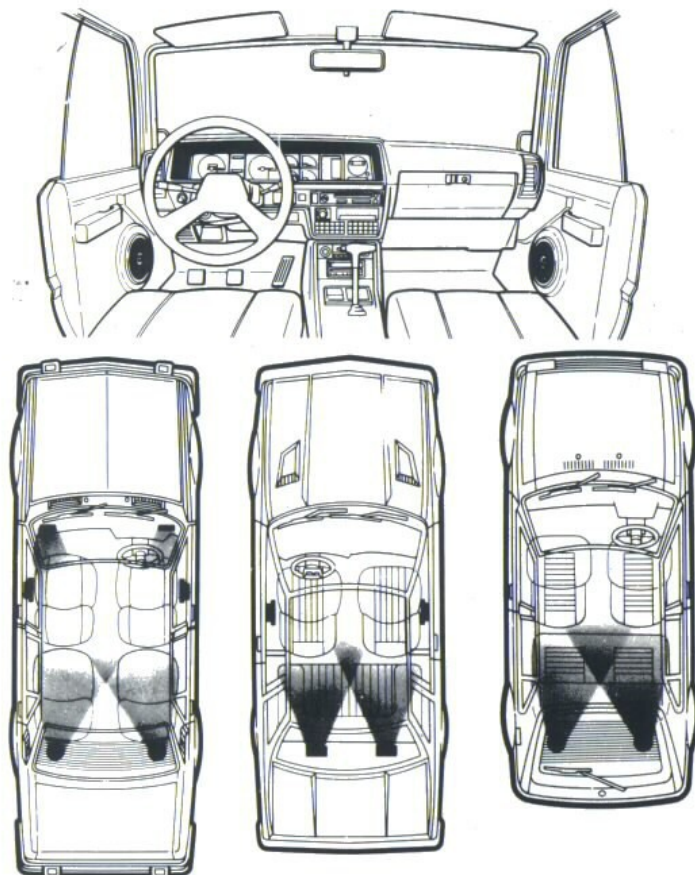
GRAPHIC EQUALISERS

A graphic equaliser is a sophisticated tone control containing small amplifiers and filter circuits which selectively boost or damp audio frequencies grouped in bands. Most units function across five bands but there are units with seven frequency groups and a few which have five bands on each stereo channel. The amount of boost or attenuation of each frequency band is controlled manually on slide or rotary controls. This allows you to adjust the tonal quality of the audio output to compensate for the absorption of higher frequencies by upholstery and safety padding (among other factors), match the sounds to your own preferences (e.g. boost the base frequencies) or to reduce both high and low frequencies for easier listening to speech.

You have the choice of buying either a separate graphic equaliser or an equaliser coupled in a single unit with a booster amplifier. Where space is limited some models of equaliser are slightly smaller than units which have an integral amplifier and, as heat output is minimal, they can be fitted in confined spaces. A separate amplifier can then be installed in any convenient concealed location. Most combined units have a maximum power output of about 20W per channel.



ability to receive in stereo and hear a variety of stereo broadcasts across wider areas of the country is a great leap in listening pleasure. But to get even better results from your set it's worth looking at the characteristics of FM stereo signals. Long Wave and Medium Wave amplitude modulated (AM) signals have the ability to travel long distances "bending" around geographical features and reflecting from the ionosphere. As a result you



SPEAKERS

All the major manufacturers of car audio equipment offer two ranges of speakers. The widest choice is in flush, panel-mounting speakers designed for mounting in doors or other trim parts where they can take advantage of the added resonance of the cavity behind the trim. Surface mounted, enclosure or pod speakers are principally designed for the rear parcel shelf with the speaker or multiple speakers angled forward for good sound projection. In both ranges the speakers may have single, dual or triple cones, the last two types being designs for a wider frequency response. Multiple speakers, either purchased as a panel-mounting set or in an enclosure are usually all of the single cone type. They operate best with a crossover network which filters to each speaker the frequency range that it is designed to handle.

Choose speakers that have a maximum power handling capacity which is about 50% more than the maximum power rating of your car audio equipment for best results. Study mounting positions carefully - you must prevent door speakers from fouling window mechanisms and from becoming damp. The higher in the door the better as higher frequencies are not sustained over long distances and can be absorbed by seat upholstery and carpeting. At the rear, speakers mounted through the parcel shelf or load cover give good results in the bass registers owing to the large cavity of the boot. Since there is little directionality of bass frequencies and they add little to the effect of stereo separation woofers can be mounted more centrally than the high frequency tweeters - these should always be at the outside edge of the rear shelf.

AERIALS

Although higher-priced aerials may look little different from much cheaper alternatives do spend as much as you can afford on the antenna. Better quality aerials are more resistant to corrosion,

have finer tolerances at key points like sliding joints and will sustain maximum performance for far longer than bargain basement items.

Aerials work best furthest from the engine where they are less likely to pick up the most common causes of interference such as the ignition system and the generator. On the roof or the rear wing are often the best places despite car manufacturers' insistence on providing an aerial hole on the front wing. Make sure there is an excellent earthing connection between the aerial base and the car body and that any joints in aerial extension leads are made with proper shrouded coaxial connectors. Buy a kit of suppression parts for your car - for the majority of cars a suppression choke in the main car audio power lead and capacitors on the ignition coil and generator stop most noises. Irritants that may need more specialised attention from a skilled car audio dealer include wiper motors and voltage stabilisers.

GLOSSARY

CUTTING THROUGH THE JARGON

The electronic controls of in-car audio sets come from the world of sophisticated micro-chip technology and they've brought with them a terminology that can be just as baffling as the language of computers. Here's a glossary of some of the more common terms and abbreviations that litter the sales brochures - it's a key to many of the features and functions you'll find on the top sets with superb car audio performance.

AGC (AND SUPER AGC)

Automatic gain control which achieves the best audio output from a wide range of transmitter signal strengths.

ALC

Automatic loudness circuit - amplifies bass (and sometimes treble) frequencies when the set is played at low volume (see also Loudness control).

ANALOGUE DISPLAY

Use of electronic devices - such as light emitting diodes - to emulate movement of a mechanical pointer on the tuning scale.

ANTI-ROLLING SYSTEM

A control of tape transport speed to reduce wow and flutter (qv) and mini-the effect of car vibration.

ANSS (see also IAC and ASU)

Automatic noise suppression system - circuitry to eliminate interference.

ASC (and SACC)

Automatic separation control - reduces the noise associated with weak FM stereo transmitter signals and the switching from stereo to mono.

ATC (Panasonic)

Automatic tone control - reduces the high frequency noise interference associated with weak signal strength.

ATSC (Pioneer)

Automatic tape slack control - a system to maintain an even tension in the tape reducing wow and flutter as well as minimising the possibility of tape damage. Similar to anti-rolling system and ESC.

AUTO-EJECT

Tape is automatically ejected at end of played side.

AUTO-DISPLAY

Automatic switching to tape play after tape side is rewound.

AUTO-REVERSE

At the end of each side of the tape the direction of play is reversed to continue playing the second side. There is also a manual track selector to reverse play.

AUTO-STOP

The tape automatically stops at the end of playing one side and the radio comes on.

DIGITAL DISPLAY

The tuned frequency is displayed in numeric form by either an LED (light emitting diode) system or a liquid crystal device.

DIGITAL ANALOGUE DISPLAY

The tuned frequency is displayed in numeric form but is generated by mechanical rather than electronic means so it is little different to having a tuning dial.

DIN STANDARDS

The majority of sets on the market are sized to the internationally recognised standard DIN (Deutsche Industrienorm) 75500 matching the dimensions of the slot on most car fascias which also specifies fixing by the uniformly spaced control spindles. Some new sets are being built to a more recent and slightly larger specification with a new type of side mounting.

DOLBY NR OR DOLBY 'B'

An electronic tape hiss reduction circuit with a manual selection button. The system only operates on tapes recorded with the matching boost of high frequencies which are automatically damped on playback so background is reduced.

ESC (PHILIPS)

Electronic speed control - regulates tape speed to minimise wow and flutter.

FREQUENCY RESPONSE

The ability of a unit (radio, tape-player or speaker) to reproduce the full range of audio frequencies in a signal - it is expressed in Hz and the wider the range shown the better the response. For example the human ear has a frequency response of 30-15,000 Hz - some in car sets will reproduce 20-40,000 Hz.

IAC (AND ASU)

Interference absorption circuit - cuts out unwanted interference from in-car (and some exterior) sources.

INTER-STATION MUTING

Circuitry which reduces background noise while the set is being tuned between stations.

LOCAL/DX

A switch controlling the sensitivity of FM reception usually found only on self-seek sets. In the local mode the tuner rejects weaker signals and locks on to near transmitters - in the DX (distant) mode much weaker signals will be accepted.

LOUDNESS CONTROL

A switched control boosting low audio frequencies (and sometimes high) when the set is playing at low volume. See ALC which is the automatically operated version.

MCC (PHILIPS)

Micro computer control - a unique tuning system having a memory which stores up to ten transmitter frequencies of the same programme (e.g. BBC national FM stations) and automatically tunes to the strongest of the signals in the area you are driving through.

METAL/CrO₂ (also 70s)

A selection switch on some cassette decks which controls the sensitivity of the playback system to match the bias of metal and chromium dioxide (CrO₂) tapes to enhance the audio output quality.

PLL SYNTHESISER

Phase-locked loop - a type of tuning system in which the frequency of the transmitter received is electronically compared to an accurately generated reference frequency. Found only on digital sets PLL is an extremely accurate means of locking on to the desired transmission.

RMS

Root mean square - a term used to define the method of measuring the average maximum output of a unit (e.g. the amplifier) - the power is quoted in watts (RMS).

SCAN

A variation of self-seek in which the set locks on to an automatically tuned station for a short period which enables you to listen and determine whether it's a station you wish to remain tuned to - scan may be resumed after the preset period.

SELF-SEEK

A system in which a manual control can initiate automatic retuning to the next strongest transmitter signal. The best sets allow self-seek in either direction along the frequency band and have Local/DX sensitivity.

SELECTIVITY

The ability of the tuner to separate a weak signal from a strong signal on an adjacent frequency.

SENSITIVITY

A measure of the tuner's ability to receive weak signals sometimes given (in units of dBf) but more often subjectively perceived.

SIGNAL TO NOISE RATIO

The ratio between background noise and the transmitted signal expressed in dB - the higher the figure the better.

SOFT-MUTING

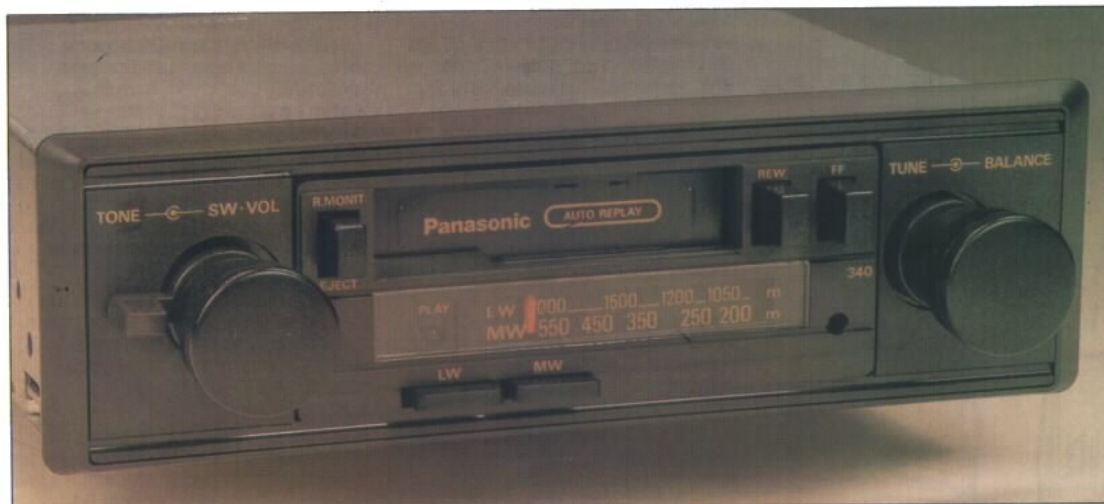
Circuitry which reduces audio output when signal strength falls to unacceptable levels cutting out interference and general radio noise.

TOTAL HARMONIC DISTORTION

A measure of all the harmonics of a sound which an amplifier or other parts of the system adds to or subtracts from the original audio signal.

WOW AND FLUTTER

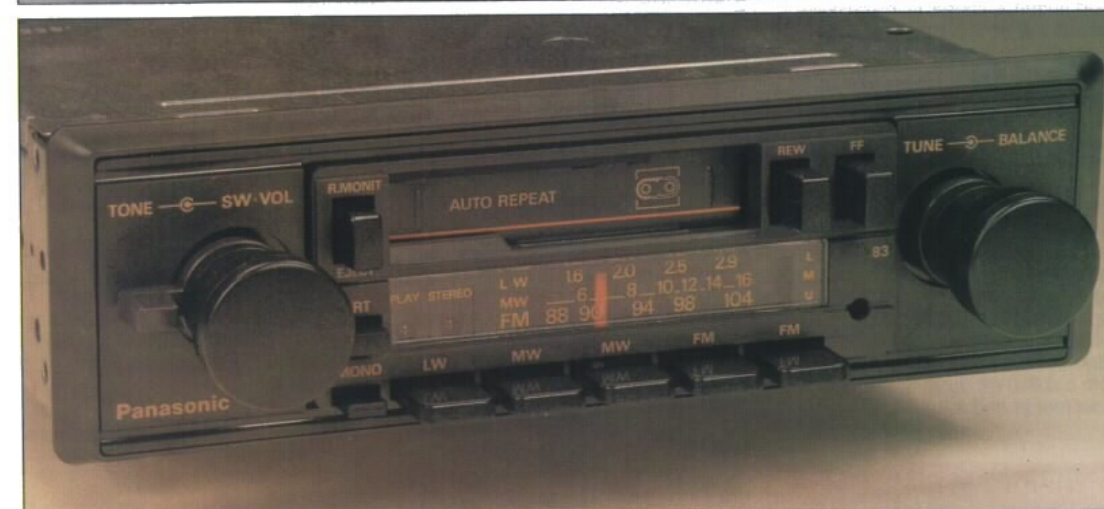
Audio output distortion caused by variations in tape speed. It is measured and given as a percentage - the lower the figure the better.

**MODEL CQ340**

■ M/L Radio with Stereo Auto Replay
Cassette Player ■ Radio Monitor allows
for radio play whilst tape is locked to
FF/Rewind ■ Auto Stop ■ Power Output
8 watts max per channel.

CCCQ340**£59.95****MODEL CQ583**

■ L/M/FM Stereo Radio with Auto
Repeat ■ FF/Rewind ■ Cassette with
Radio Monitor ■ FMO Circuitry reduces
FM noise reception ■ EIA minimizes
pulse noise like that from auto ignition ■
Illuminated Cassette Slot ■ Preselect up
to 5 stations (2 x FM, 2 x MW, 1 x LW)
■ Power Output 12 watts max per channel
at 2 OHMS.

CCCQ583**£95.00****MODEL CQ483**

■ L/M/FM Stereo Radio Auto Replay
Cassette ■ Dolby NR ■ Metal Tape
Compatibility ■ FMO Noise rejection ■ 4
Way Balance ■ Separate Bass and Treble
Controls ■ Radio Monitor Switch ■ EIA
(Electronic Interference Absorption) ■
Power Output 2 x 25 watts ■ Max per
channel (4 OHM) ■ Allows for 4 speaker
connection.

CCCQ483**£119.00****MODEL CQ973**

■ L/M/FM Stereo Hi-Fi ■ Digital
Electronic PLL Synthesizer Tuning with 15
Presets ■ Auto Seek with Separate Foot
Switch ■ Local Distant Switch ■
Loudness Contour ■ Mute Switch ■ 24
Hour Quartz Digital Clock ■ Auto
Brightness Control ■ Autoreverse ■
Permalloy Head ■ Dolby/Metal Tape
Compatibility ■ Four pop-out Knobs for
Adjusting bass, treble 4 Speaker Fading
■ L/R Balance ■ Connects to B100
Amplifier included in price ■ Power
Output 100 watts ■ 4 speakers x 25
watts max into 4 OHM speakers.

CCCQ973**£345.00**

MODEL RG5900E

■ L/M/FM Stereo ■ ANSS FM Suppression ■ ASTS Automatically Senses Areas of Poor Stereo Reception and Converts the Signal to Mono until the Area has been Passed through ■ Fast Forward Cassette ■ Power Output 8 watts max per Channel.

CCRG5900E £59.95

MODEL RG5901E (not shown)

As RG5900E but with no long wave.

CCRG5901E £54.95

**MODEL RG5850E**

■ L/M/FM Stereo with Unique APSS (Auto Program Search System) which Pinpoints the Exact Tape Track you Require as you Drive ■ ANSS FM Suppression ■ Stereo/Mono Switch ■ Auto Eject ■ Power Output 8 watts maximum per Channel.

CCRG580E £75.00

**MODEL RG7050**

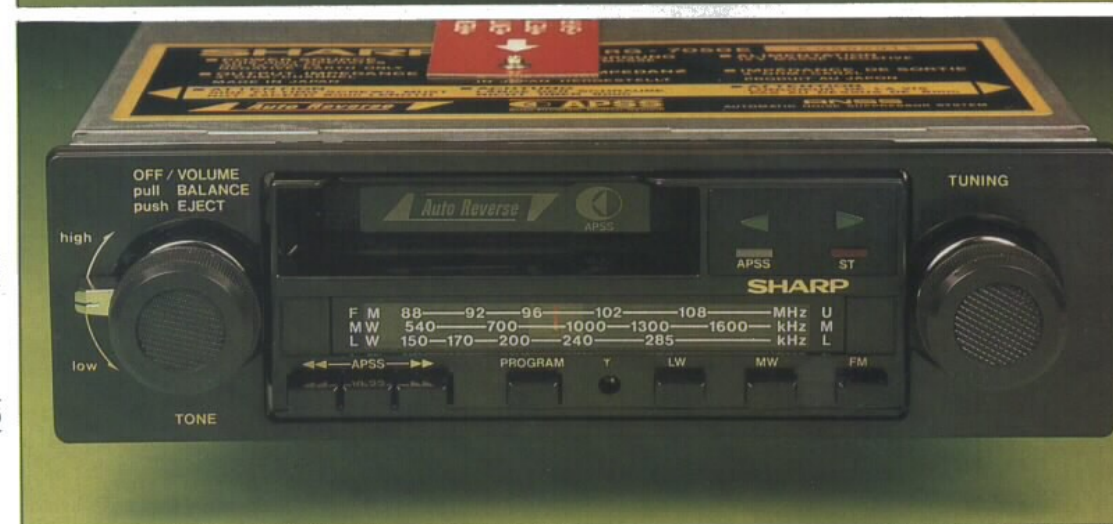
■ L/M/FM Stereo ■ Auto Loading Cassette Mechanism ■ APSS (Auto Program Search System (as on RG5850)) which is Switchable On/Off with Fast Forward/Rewind ■ Autoreverse Tape Deck (allows reverse side to be played without removing cassette) for Continuous Music Playback ■ Power Output 8 watts maximum per Channel.

CCRG7050 £99.95

MODEL RG7250 (not shown)

■ As RG 7050, but with Push Button Radio Selection Offering 2 x FM, 2 x M, 1 x L.

CCRG7250 £119.95

**MODEL RG9500E**

■ L/M/FM Stereo ■ Autoreverse Cassette Player with Dolby Noise reduction and Metal Tape Compatibility and Sharps Auto Program Search System ■ The Radio is a Fully Electronic Phase Lock Loop Synthesized Tuner with Automatic Station Program Memory ■ Allows for 8 FM Preset ■ 5 MW and 3 LW Stations ■ ANSS ■ Quartz Clock ■ Auto Cassette Loading ■ Separate Bass/Treble Control ■ Requires Connection to the PW1000 or PW2000 Amplifier Unit Only.

CC9500E £129.95

PW1000 STEREO AMPLIFIER

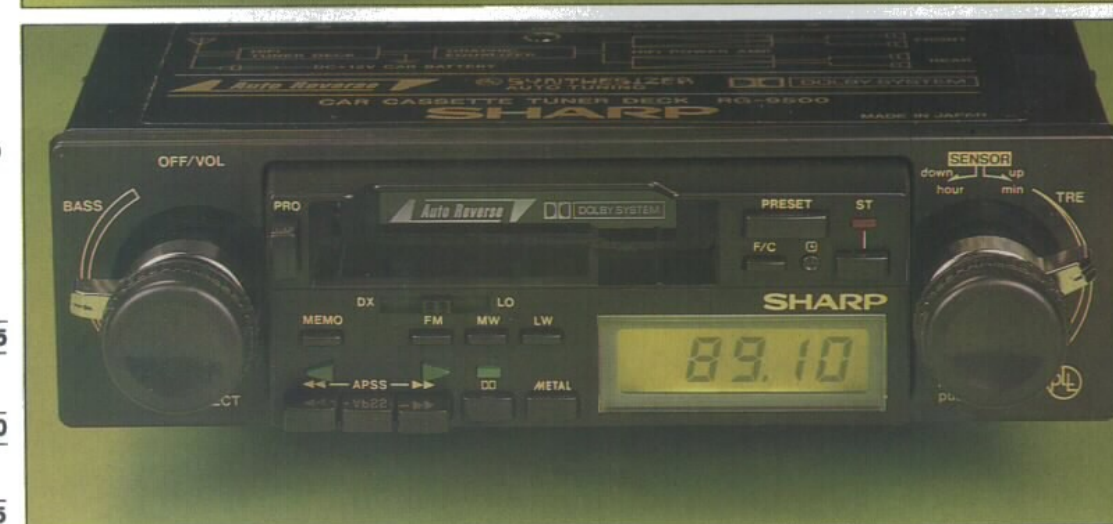
25 watts per channel (maximum)

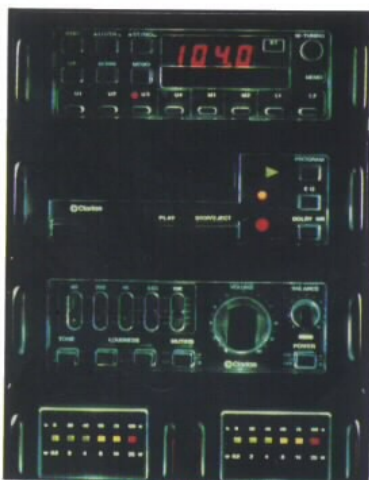
CCPW1000 £20.00

PW 2000 STEREO AMPLIFIER

50 watts per channel (maximum).

CCPW2000 £39.95



**'G' COMP MARK II SERIES****G-80D (GD503)**

Autoreverse Stereo Cassette Deck ■
FF/Rewind (lock) ■ Dolby NR ■ Sendust
Head ■ Metal Tape Compatible Sector ■
FG Servo Controlled Motor

G-80T (GT504)

■ L/M/FM Stereo ■ SLL Synthesizer
Tuner ■ 8 Station (4 × FM, 2 × M, 2 ×
L) ■ Electronic Preset Tuning ■ Self
Seek Up/Down ■ Manual Tuning ■ CZ1
Noise Reduction and Sasc MkII.

G-80C (GC503)

■ Stereo Control with 5 Stage Equalizer
■ 3 Position Loudness Controls ■ Tone
Defeat Switch ■ Muting Switch.

G-80A (GA503)

■ Two 25 watt Monaural Power Amplifiers
for L/R Channel with Flashing Indicators to
Graphically Allow Power Out Balance.

Systems as Above

CCGMK2

£499.00**CLARION****MODEL PE971**

■ L/M/FM Stereo ■ Self Seek Digital
Readout ■ 5 Electronic Pre-Selection ■
Autoreverse ■ Loudness ■ Metal and
Dolby Switching ■ Locking FF/Rewind ■
Requires connection to component amp
supplied. Output 23 watts × 2 Channel

CC971

£229.00**MODEL PE785**

■ L/M/FM ■ 6 Push Button Tuning ■
CZ1 Rejection Circuit ■ Loudness Contour
Switch ■ Super Sasc Reduces Distortion
Noise ■ Autoreverse Cassette Deck ■
FF/Rewind (Locking) ■ Metal Tape
Selector ■ Power Output 20 watts per
channel max.

CCPE 785

£135.00**MODEL PE855**

■ Auto Eject Stereo Player with
FF/Rewind (Locking) ■ Variable Tone
Balance and Volume ■ Power Output 8
watts per channel max.

CCPE 855

£55.00**PHILIPS****MODEL AC807**

■ L/M/FM Stereo Cassette Combination
■ 6 Button Flat Presto Lock Station
Selection ■ Dolby NR ■ FeCr/Metal
Tape Switching ■ MSS (Music Search
Tape) Separate Bass/Treble/Balance
Controls ■ Four Speaker Fader Control
■ Power Output 6 watts × 4 channels
continuous.

CCAC807

£179.50**MODEL AC720**

■ LM/M/FM Stereo Radio/Cassette ■
6 Button Preselection ■ Stereo/Mono
Switch ■ Locking FF/Rewind ■ Variable
Tone/Balance ■ Power Output 6 Watts P/C

CCAC720

£89.95**MODEL AC420 (not shown)**

As AC 720, but with FM Stereo Radio
(M/L Only)

CCAC420

£75.00

MODEL KEX73

■ Din Component Cassette Deck/Tuner
■ Quartz PLL Tuning/Arc III ■ 15 Station
Electronic Preselection ■ Remote Control
/Manual Stn. Seek ■ Manual Scan ■
Autoreverse ■ Dolby/Metal Tape ■
Separate Bass and Treble ■ Loudness
Contour ■ Local Distant Switch ■ 24
Hour Quartz Clock ■ Illuminated Cassette
Door ■ Requires Connection to GM4 or
GM120 Amplifier Unit.

CCKEX73 £329.00

MODEL KP909G

■ "Mechanatronic" Component
Autoreverse Cassette Deck ■ Computer
Controlled 3 Motor Reel Direct Drive
System ■ Wow and Flutter of no more
than 0.07% WRMS ■ Music Search ■
Multi Play Music Search ■ Ferrite Head
■ Illuminated Cassette Door ■ A.T.S.C.
■ Dolby ■ Metal ■ Chrome ■
Loudness Contour ■ Separate
Bass/Treble ■ Electronic Feather Touch
Controls ■ Blank-Skip ■ Requires
Connection to GM 4 or 120 Amplifier.

CCKP909G £199.95

MODEL CD-R-909 (not shown)

Optional Remote Control

CCCD-R-909 £26.00

GM4 AMPLIFIER (not shown)

Power Output 20 watts max per channel

CCGM4 £37.50

GM 120 AMPLIFIER (not shown)

Power Output 60 watts max per channel

CCGM120 £99.00

MODEL KE5300

■ Quartz Phase Lock Tuning ■ 15 Station
Electronic Preselection as in KE1300 but
also with Auto/Seek Scan ■ Digital
Display ■ 24 Hour Quartz Clock ■ Auto
Replay ■ Locking FF/Rewind ■
Loudness Contour ■ Auto Eject ■ Power
Output 6.5 watts max per channel.

CCKE5300 £198.50

MODEL KE4300 (not shown)

■ L/M/FM Stereo ■ 15 Station
Electronic Preselection (5 × LW, 5 × MW,
5 × FM) ■ Pulse Synthesizer Tuning ■
Arc III Tuning ■ PNS Suppression ■
Auto Replay ■ Autoreverse
Cassette Deck ■ Locking FF/Rewind ■
Loudness Contour Switch ■ Power
Output 6.5 watts max per channel.

CCKE4300 £169.00

MODEL KE1300

■ L/M/FM Stereo ■ 15 Station
Electronic Pre Selection (5 × LW, 5 ×
MW, 5 × FM) ■ Pulse Synthesizer
Tuning ■ Arc III Tuner ■ PNS
Suppression ■ Auto Replay ■ Auto Eject
■ Locking FF/Rewind ■ Loudness
Contour Switch ■ Power Output 6.5 watts
max per channel.

CCKE1300 £139.95

MODEL KP5800 (not shown)

■ M/L/FM Stereo Radio Cassette ■
Auto Replay ■ Auto Eject ■ Lockable
FF/Rewind ■ Tone/Balance Controls ■ 5
Station Mechanical Pre Selection (2 × FM,
2 × M, 1 × L) ■ PNS Suppression ■
Power Output 6.5 watts max per channel.

CCKP5800 £117.50

MODEL KP5400

■ M/L Stereo Cassette ■ Auto Replay
■ Auto Eject ■ Lockable FF/Rewind ■
Tone/Balance Controls ■ 5 Station
Mechanical Pre Selection ■ PNS
Suppression ■ Power Output 6.5 watts
max per channel.

CCKP5400 £69.95



**NEW YORK**

■ L/M/FM stereo ■ Digital Frequency Display ■ 13 Station Electronic Preselection (6 x FM — 6MW — 1 x LW) ■ Self-Seek Radio with Control for Left/Right Seek-3 Position Control for Manual or 2 Position Self-Seek (Weak/Strong) Signal Reception ■ Autoreverse ■ Dolby ■ Metal/CRO2 ■ Loudness Switching ■ Separate Bass & Treble Controls ■ 4-Way Speaker/Fader Control ■ Separate Left/Right Balance ■ Component System ■ Separate 80 watts Per Channel max Amplifier supplied

CCNYORK**£425.00****TORONTO**

■ L/M/FM Stereo ■ Electronic 12 Station Pre-set Station Options (6 x FM, 6 x MW and last Station Memory of L/M and FM) ■ Digital Frequency Display ■ Self Seek Radio ■ Autoreverse ■ Dolby, Cr02/Metal Tape Facility Cassette Deck with Hard Permalloy Tape Head ■ 4 Speaker Fader Control ■ Separate Bass and Treble Controls ■ Power Output 7 watts x Four Channels Music Power.

CCTORO**£249.50****STOCKHOLM**

■ L/M/FM Stereo Manual Tune Radio ■ Permalloy Tape Head ■ dB Noise Suppression ■ Loudness Function ■ Lock-On FF/Rewind ■ Auto Eject ■ Power Output 10 watts per channel Music Power.

CCSTOCK**£99.50**



MODEL CSK990

■ New Semi Flat Fascia is Designed to the New Din Dimensions ■ L/M/FM Stereo ■ 18 Station Electronic Preselection (6 on each waveband) ■ Liquid Crystal Digital Display ■ 24 Hour Clock ■ Soft Glow Illumination ■ Scan and Tour Tuning ■ Autoreverse Dolby Tape Deck with Metal Tape Facility ■ FF/Rewind ■ Separate Bass and Treble Controls ■ Balance and Four Speaker Fader Control ■ Separate Power Amplifier Included ■ Power Output of 25 watts per channel ■ 4 OHMS × 2 Speakers or 8 watts per channel max × 4 Speakers.

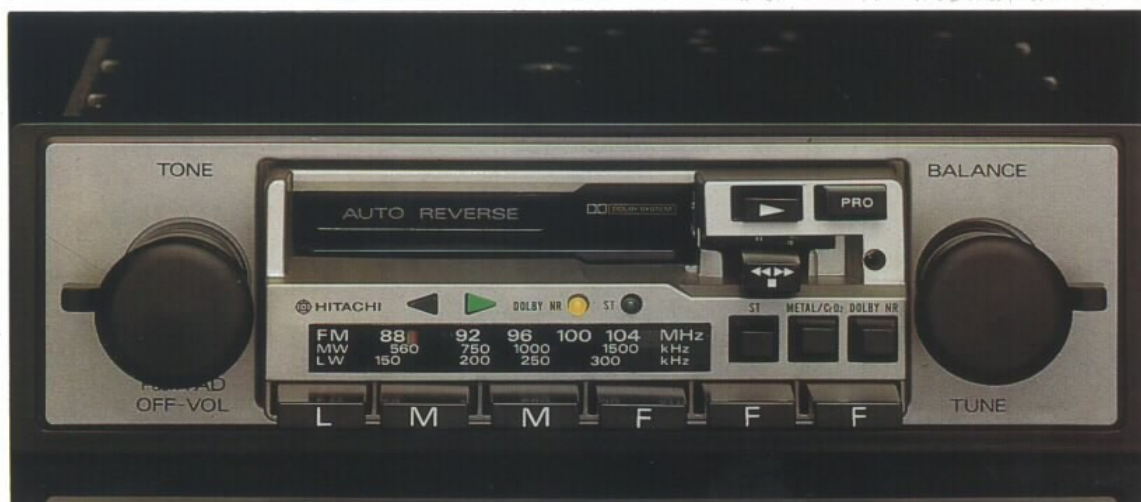
CCCSK990 £199.95



MODEL CSK413D

■ L/M/FM Stereo ■ Six Button Preset Tuning (3 × FM, 2 × M, 1 × L) ■ Phase Locked Loop Tuning with FM Noise Canceller ■ Autoreverse Cassette Deck ■ Dolby NR ■ Metal Tape Facility ■ FF/Rewind ■ Led Tape Run Indicator ■ Tone/Stereo Balance Controls ■ Fader Control for four Speakers ■ Power output 20 watts per channel max × 2 Speakers or 12 watts max × 4 Speakers (4 OHM).

CCCSK413D £149.95



MODEL CS390

■ Autoreverse Stereo Cassette Player with Dolby Noise Reduction ■ Normal/CR02 — Metal Tape Selection Switch ■ Volume ■ Tone ■ Stereo Balance Controls ■ Locking FF/Rewind ■ Manual Autoreverse Switch ■ Tape Direction Indicators ■ Power Output 8 watts maximum per channel 4 OHMS.

CCCS390 £69.50



MODEL WM865

■ L/M Preselect Radio ■ Variable Tone ■ 5 Station Selection (4 × MW, 1 × LW) ■ Power Output 7 watts maximum 4 OHMS.

CCWM865 £28.95



**PIONEER BP-720**

■ 7 Slide Controls ■ LED Power and Peak Indicators for Left and Right Channels
■ Front/Rear Fader Slide Control
Unique IC Echo to Create Sustained Concert Hall Effect ■ Power Output 20 watts $\times$ 2 Channel Maximum.

CCBP-720 **£95.00**

PIONEER BP-520 (not shown)

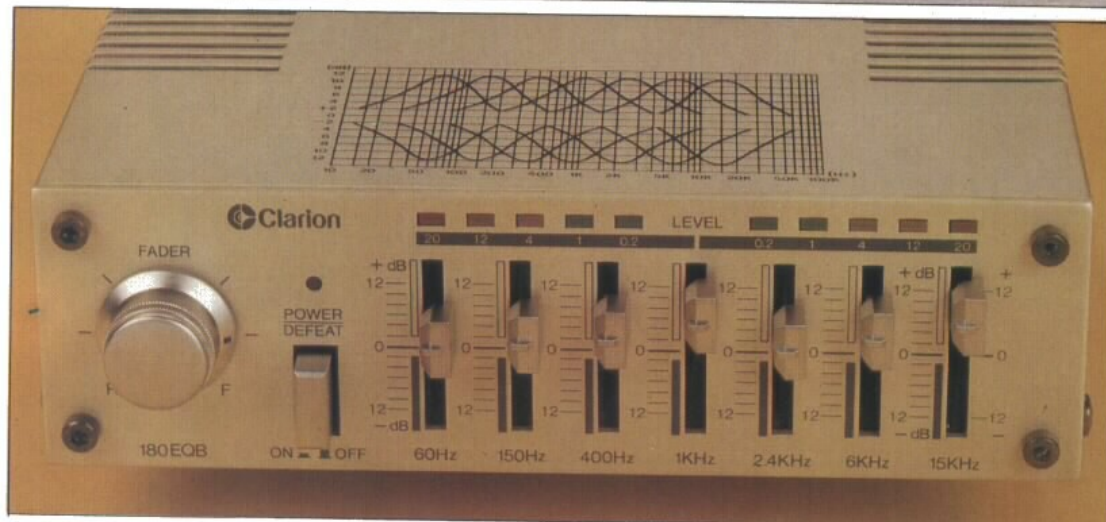
As BP-720, but without IC Echo or Peak Indicators.

CCBP-520 **£69.95**

**BLAUPUNKT BEB70**

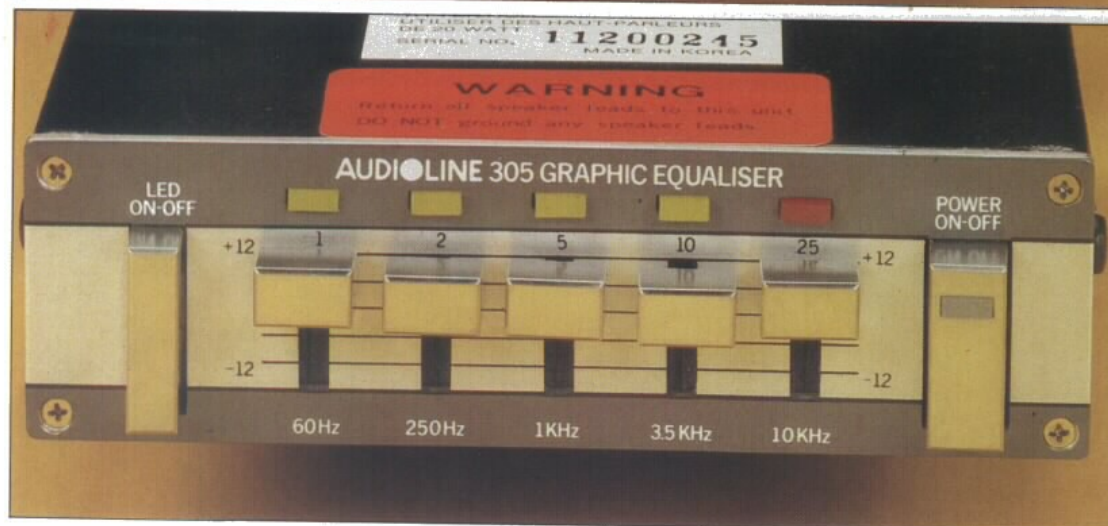
■ Equalizer Booster ■ 5 Slider Control
■ LED Indicators ■ Night Illumination
■ Integrated Fader ■ Power Output 17.5 watts by 4 Channels Music Power.

CCBEB70 **£75.00**

**CLARION 180EQB**

■ 7 Slider Control ■ 5 Level Power Indicator for both Left and Right Sides Independently ■ Front and Rear Volume Balance for 4 Speaker System ■ Power Output 24 watts $\times$ 2 Channel.

CC180EQB **£69.95**

**AUDIOLINE 305**

■ 5 Slider ■ 4 Channel ■ 20 watt Graphic (12 RMS) ■ 5 LED Power Indicator Lights.

CC 305 **£27.50**

AUDIOLINE 307 (not shown)

7 Slider ■ 4 Channel ■ 40 watt Graphic (16 RMS) ■ Front/Rear Fader Balance ■ 10 LED Power Indicator Lights (5 Right/5 Left) which can be switched off.

CC307 **£35.00**

**PIONEER TS461 ▲**

■ Full Range Dual Cone ■ Frequency Response (Hz 60-20,000) ■ Maximum Input 20 watts ■ Flush Mount.

CCTS461 pair £25.00

**PIONEER TS107 ▲**

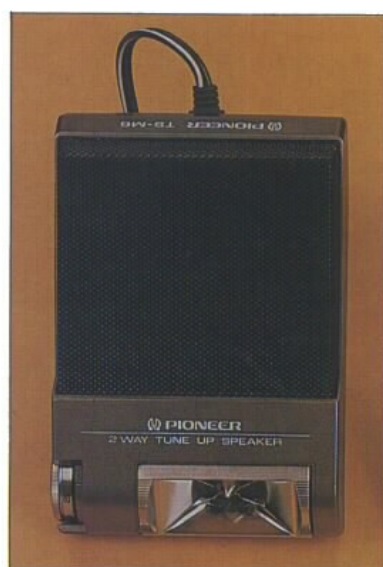
■ Full Range Dual Cone ■ Frequency Response (Hz 50-20,000) ■ Maximum Input 20 watts ■ Flush Mount.

CCTS107 pair £25.00

**PIONEER TSX1 ▲**

■ Compact Size ■ Surface Mount ■ Full Range ■ Single Cone ■ 100g Strontium Magnet ■ Maximum Power 20 watts.

CCTSX1 pair £29.95

**PIONEER TSM6 ▲**

■ 2-Way Tune-Up Speaker (Midrange/Tweeter) ■ Frequency Response (Hz 350-22,000) ■ Maximum Input 20 watts ■ Flush Mount.

CCTSM6 pair £37.50

**PIONEER TS1600 ▲**

■ Cross-Axial ■ 2 Way (Woofer/Tweeter) ■ Frequency Response (Hz 40-20,000) ■ Maximum Input 60 watts ■ Flush Mount.

CCTS1600 pair £55.00

**◀ SOUNDSYSTEMS SG101/2**

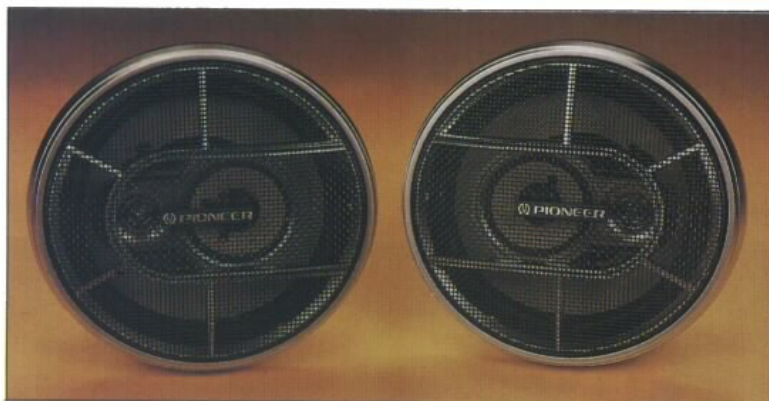
■ Single Cone Pod Speaker ■ Max Input 8 watts ■ Frequency Response (Hz 75-17,000)

CC2556 (Left) pair £11.00

◀ SOUNDSYSTEMS SG129/4

■ Single Cone Pod Speaker ■ Max Input 20 watts ■ Frequency Response (Hz 60-18,000)

CC2557 pair £18.00

**PIONEER TS168 ▲**

■ Coaxial 3 Way System (Woofer/Midrange Tweeter) ■ Frequency Response (Hz 35-20,000) ■ Maximum Input 40 watts ■ Flush Mount.

CCTS168 pair £49.95

**PANASONIC EAB-061N ▲**

■ 16cm Dual Cone ■ Frequency Response (Hz 45-20,000) ■ Maximum Input 25 watts ■ Flush Mount.

CCEAB-061N pair £19.95

PANASONIC EAB-001N (not shown)

■ Twin Drive Speaker System ■ Frequency Response (Hz 95-18,000)

■ Maximum Input 25 watts ■ Surface Mount.

CCEAB-001N pair £45.00

PANASONIC EAB-062N

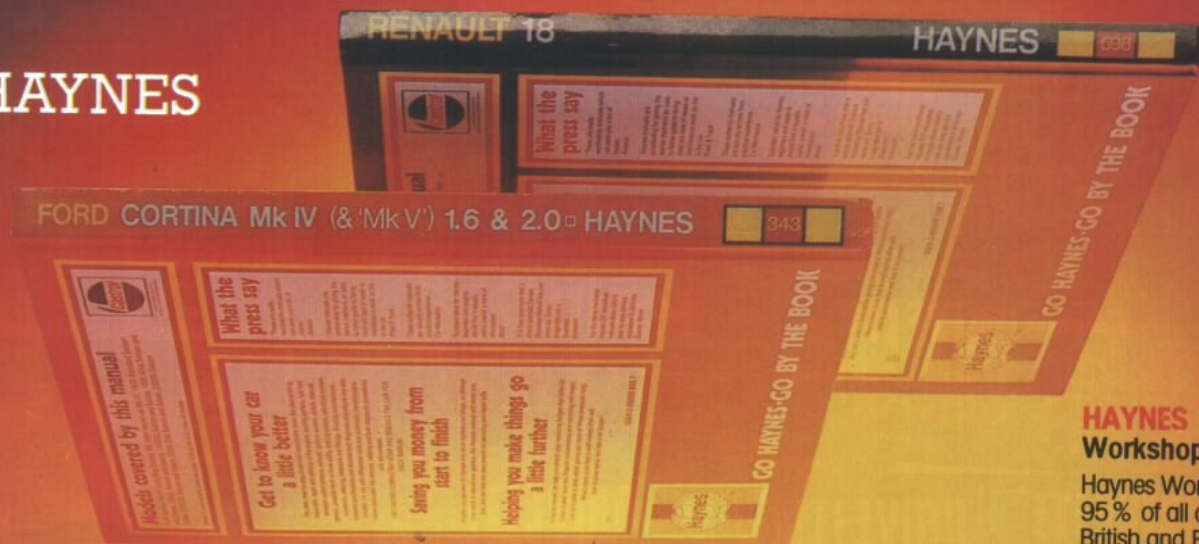
■ 16cm Coaxial 2 Way System (Woofer/Tweeter) ■ Frequency Response (Hz 45-25,000) ■ Maximum Input 25 watts ■ Flush Mount.

CCEAB-062N pair £24.00

HAYNES



87



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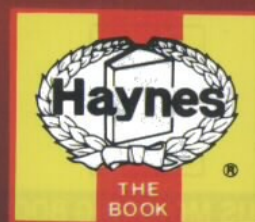
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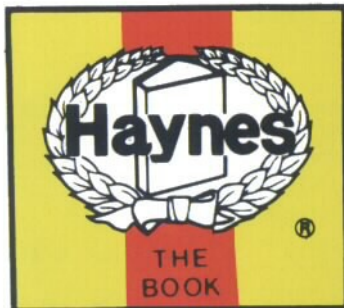
e.g. Make: Ford
Model: Escort MKI 1100
Year: 1969
Engine Size: 1097cc

CC2328 Workshop Manuals £5.95



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"Market Leaders Haynes who are also undisputed architects of near-perfect manuals"





Classic Car Investment Review

BMW from 1928

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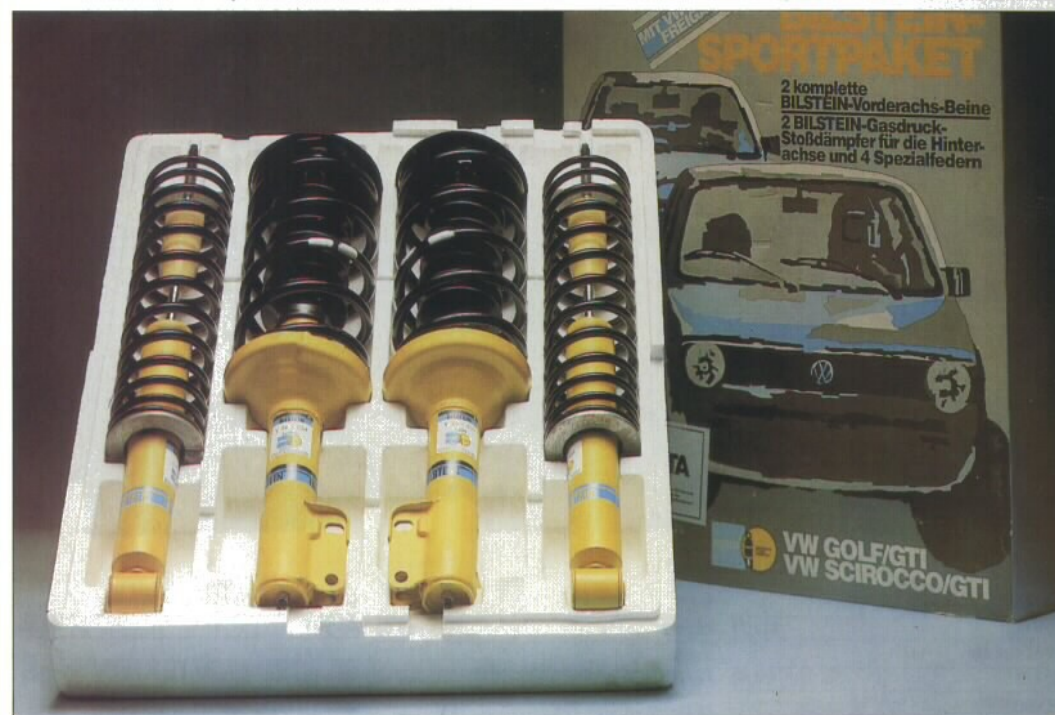
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BILSTEIN SHOCK ABSORBERS

Fit Bilstein Gas Pressure absorbers and driving becomes a totally new experience. Why? Because Bilsteins produce a damping accuracy that gives a guarantee of outstanding road-holding, even under the most arduous conditions. Bilsteins are used by most car manufacturer's official race and rally teams which proves durability. Because 30 % of manufacturing costs are spent on quality control, you're ensured of a longer lasting product. Little wonder that Bilsteins are specified for original equipment on most of the top models from Porsche, BMW, Mercedes, Opel, Ford.

Bilstein have developed a range of dampers especially for the Sporting driver. Now you can enjoy the Bilstein experience by simply fitting them in place of your standard shock absorbers or strut inserts. They are supplied in sets of 4 dampers, each tailored to the particular car make and model.

For the VW Golf / GTI / Sirocco / Jetta range, Bilstein have developed, a complete suspension kit which includes a set of tuned road springs. This kit, which carries the Volkswagen seal of approval, has been widely acclaimed by the motoring press because of the exceptional improvement in road-holding that it provides. A similar kit for the Rover SD1 will be available shortly.



Set of 2 Struts, 2 Shocks & 2 Springs.
VW Golf / GTI / Sirocco / Jetta.

CC2123	£325.00
Rover SD1	
CC2124	£249.00



GROUP A

BL Mini (excluding hydrolastic & Metro), Daihatsu Wildcat, Datsun Patrol, Lada Niva, Land Rover, Mercedes Benz (all models), Suzuki Jeep, VW Beetle (with non-strut front suspension), Willys Jeep.

CC2117 set of four £109.00

GROUP B

Alfa Romeo GTV, Giulia, Duetto, Montreal, Alfetta, Guilieta, AMC Jeep, Cherokee, Chevrolet Blazer, FIAT 124, Ford Cortina Mk2, 3, 4, 5, Granada, Opel Kadett B & C, Ascona B, Manta B, Renault R5, Saab 96, 99, 900, Toyota Land Cruiser, Hilux, Volvo 121/2, 142/4, 162/4, Vauxhall Chevette, Cavalier (up to Sept. 81)

CC2118 set of four £129.00

GROUP C

Alfasud, AMC Eagle, Colt (all models), FIAT 131, Ford Escort Mk 1 & 2 (excluding Sport, Mexico, RS1600 & 1800), Opel Kadett D, Range Rover, Renault R12, R15, R17, Toyota (all models excluding Land Cruiser & Hilux), VW Beetle (with strut front suspension), Passat, Vauxhall Astra, Volvo 343.

CC2119 set of four £169.00

GROUP D

BMW, 1502, 1602, 1802, 2002, Datsun (all models excluding 240Z, 260Z, 280Z, Patrol & Truck), Ford Capri Mk 1, 2, 3, (excluding 2.8i), Mazda RX7, Opel Senator, Monza, Vauxhall Royale, Volvo 242/4/5, 262/4/5.

CC2120 set of four £189.00

GROUP E

Audi 50, 80, 100, BMW (all models excluding 1502, 1602, 1802, 2002), Datsun 240Z, 260Z, 280Z, FIAT 127, 128 Strada, Ford Fiesta*, Capri 2.8i*, Lancia Beta HPE, Salon & Coupe, Porsche 924* (excluding Turbo), 924GT*, 928, VW Polo.

CC2121 set of four £229.00

GROUP F

Ford Escort Mk3*, XR3*, Porsche 911/930* series.

CC2122 set of four £325.00

*Set of dampers comprising complete strut assemblies not strut inserts.

**WINDSLAMMER**

Streamlines your Roof Rack, Trailer or Caravan instantly

□ The aerodynamic shape can show up to a 25% saving on Fuel consumption (as much as £5.00 saved on a 500 mile journey at 30mpg) □ Greatly reduces wind noise □ Increases the stability of your car □ Protects the contents of your roof rack from wind and weather □ Simple universal fitting □ Enhances the appearance of your car □ Aerodynamic shape causes the air to flow up and over your caravan or trailer giving increased Fuel economy □ Shows better stability when towing, allowing for safer driving □ Quickly and easily attached to the roof of your car.

CC2227 Windslammer £16.95

**TOWING BRACKET AND TOW BALL SET**

Made from high quality steel, designed to be neat and unobtrusive with the D.I.Y. fitter in mind. Over 400 different applications to fit most British, Continental and Japanese cars from 1971 onwards. 50mm Tow Ball made from high quality Steel, forged, machined and zinc plated

CC2228 Towing Set £29.50

When ordering please state make, model and year of car, whether saloon, estate or hatchback and (especially important for Japanese cars) series number and prefix mark e.g. Datsun 160J 2 door Saloon 1980 Type KPA 10.

**TRANSFLASH ELECTRICAL TOWING KIT**

Suitable for all 12V negative earth systems, fitted in the car's boot, using the harness supplied. Kit with single '12N' socket incorporating rear lamp cut-out.

CC2229 £17.90

As above with twin 'N' and 'S' sockets for current regulations. Incorporates rear fog lamp cut-out

CC2230 £19.00

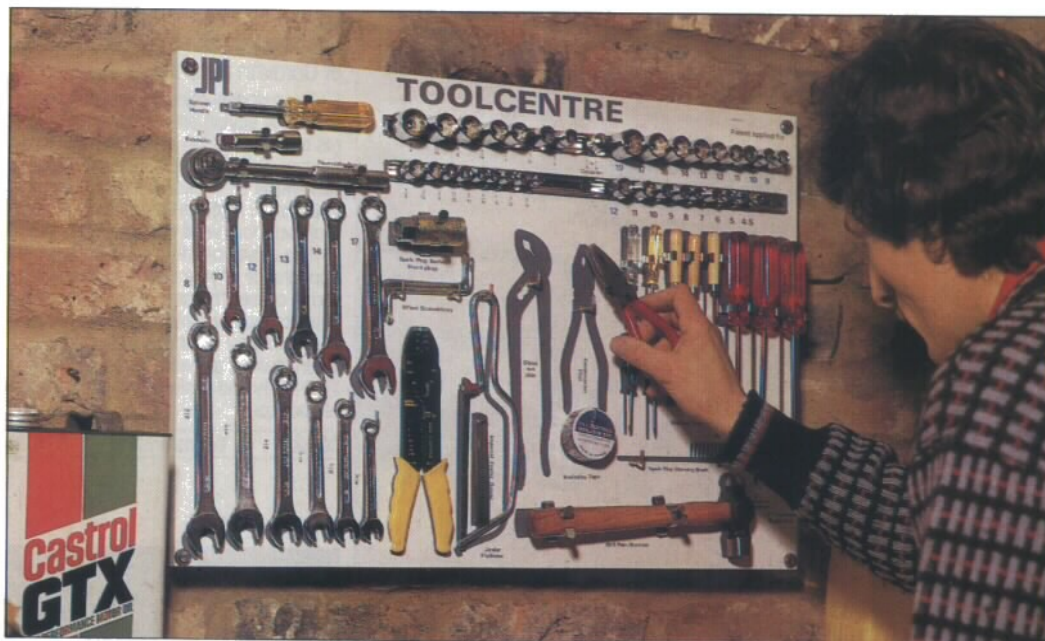
Transflash unit plus harness and connections

CC2231 £9.80

**BRITAX TOW MIRROR**

Britax Universal Tow Mirror in modern matt black finish. No drilling required - fitted and removed in seconds. Rigid and vibration-free. Maximum throw-out over 12"

CC2232 £11.50



HOME MECHANICS TOOL CENTRE

A brilliant idea for the workshop, this tough melamine-coated board comes complete with 71 tools to tackle most of those jobs around the home and on the car. Each tool is shadow-painted onto the board for fast-finding and replacing. Everything you need from a 30-piece socket set to a hammer, screwdrivers and wire-strippers, on a handy 18" x 27" board.

CC5063

£39.95



'PADDY HOPKIRK' EXPLOSION PROOF SAFETY FUEL CAN

One gallon of petrol has the explosive power of 77lbs of dynamite!! Manufactured from .8mm steel, the Explosafe Fuel Can will not explode if exposed to fire, impact, flashback, auto-ignition, penetration by hot metal splinters or electrostatic ignition.

The can is filled with Explofoil, an aluminium heat dispersing mesh which displaces less than 1% of the container's volume. Fuel surge is virtually eliminated. The cap and quick pour spout with anti-air lock vent is made from high density polypropylene. The cap has nitrile rubber seal and retaining tab.

The handle has been purpose designed

for quick secure storage and removal of spout. Every can is individually leak tested and complies with Home Office regulations.

Finished in Epoxy Resin Post Office red with distinctive yellow plastic trim.

CCSFC1	5 litre	£10.99
CCSFC2	10 litre	£13.49

SAFETY ANCHOR PLATE

For use with the above cans, the Safety Anchor Plate enables the fuel can to be securely located in the boot of your car. The can is held in place by a durable rubber strap.

CCAP1	Safety Anchor Plate	£2.95
(When ordered with above cans)		



FIRE EXTINGUISHERS

The design and construction result from many years' experience in the field of modern fire extinguisher manufacture, incorporating practical ideas and proposals from experts and everyday users. You can replace used powder containers very easily yourself, making available a fully charged fire extinguisher at all times. The various advantages of the GLORIA fire extinguishers have been confirmed by the results of many tests under extremely critical conditions. Manufactured from high quality materials. Powder container easily exchanged; the special materials ensure long life; extinguishing jet is interruptable (important in case of fire involving tyres!); a specially designed handle permits one-handed operation; practical motor-car bracket protects extinguisher against shocks.

CC2478	PG1A (1kg)	£8.70
CC2479	PG2A (2kg)	£11.00



FILTER KING

The well known fuel saver from Malpassi. Tests and trials as well as many satisfied customers claim savings of 10% - 15%.

The Filter King regulates the pressure of fuel delivered by the car's petrol pump to help maintain a steadier float level in the carburettor thus preventing expensive fuel surges and flooding. Its effective filter acts as an extra benefit to trap any dirt or

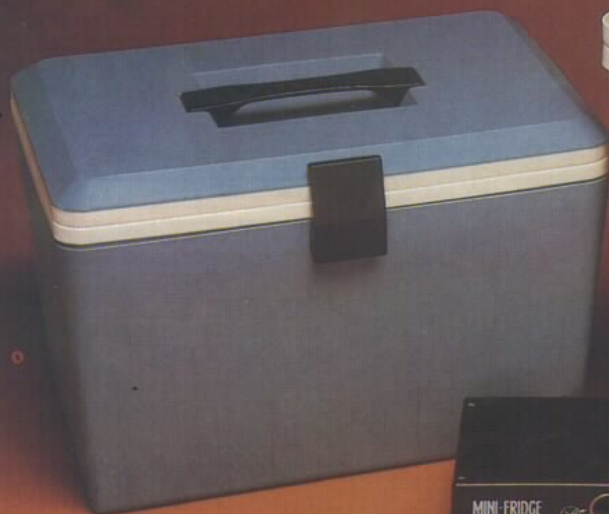
water which may contaminate the petrol supply.

The Filter King is fitted as standard by Alfa Romeo and Maserati. 100s of thousands sold worldwide already.

The relentless increase in the cost of motoring means that any aid to fuel economy must be considered an essential fitment.

CC2480

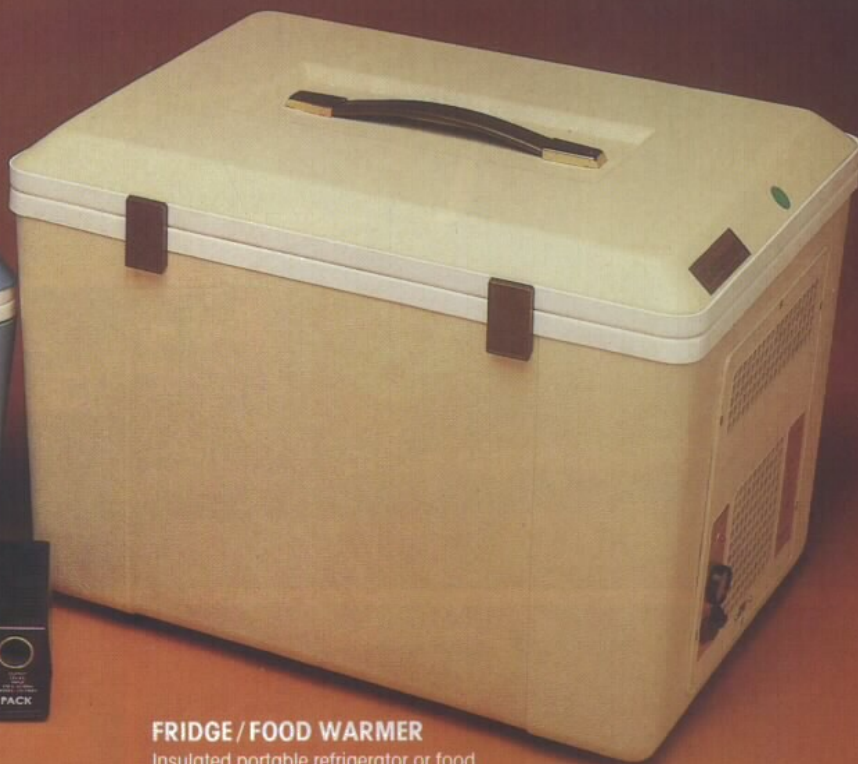
£13.95



MINI FRIDGE / WARMER

Portable refrigerator or food warmer. Operates from 12 volt D.C. cigarette lighter socket. Ideal for picnics, long car journeys, caravan or boat. Maximum cold -5°C , maximum hot $+70^{\circ}\text{C}$. Internal capacity 10.5 litres.

CC2014 Mini £64.50



FRIDGE / FOOD WARMER

Insulated portable refrigerator or food warmer with full 34 litre internal capacity. Operates from 12 volt D.C. cigarette lighter socket to give maximum cold -7°C or maximum hot $+57^{\circ}\text{C}$ to keep prepared food warm.

CC2016 Fridge £115.00

MAINS ADAPTOR

Either product can be powered by using the 230 volt A.C. to 12 volt D.C. adaptor with cigarette lighter socket.

CC2015 Adaptor £9.50



RUD SNOW CHAINS

- Approved by leading motor manufacturers.
- Rud Chains have the A.A. seal of approval.
- Used by Police Forces, Ambulances and Local Authorities.
- No need to jack up the car.

- Will not damage tyres.
- Please state tyre size to obtain exact price for your vehicle.
- Packed in an attractive and practical plastic container.
- Each pair of chains is supplied with detailed fitting instructions.

CC2018 from £42.55



HELLA FOOTPUMP

High performance unit for cars, commercial vehicles, tractors,

motorcycles, bicycles etc. All metal, integral pressure gauge.

CC2017 £9.95



COMMAND DELUXE CAR VACUUM CLEANER

Powerful 108 watt motor operates from 12 volt D.C. cigarette lighter socket.

Accessories include wide nozzle with detachable brush, thin crevice attachment, flexible hose and removable dust bag.

CC2019 £12.99



Everything for the Vauxhall owner: Spoilers, striping kits, road wheels, tuning equipment and more. Many popular Sportparts are described on these two pages but for more details of the full range of around 200 items (including parts for the Viva, Firenza, Magnum and Victor/VX), the Vauxhall enthusiast should write for a copy of "The Sportpart File" - see below.

GENERAL PARTS

Windsplitz (photo 1), bonnet mounted rubber mouldings, aerodynamic and distinctive, 38" long, supplied in pairs, suit most cars.

CC2126 Windsplitz £22.95

"Vauxhall" Motif in strobe design, (similar to "Chevette" logo in photo 3), supplied in pairs

CC2127 Motif £11.95

"Vauxhall." decal (photo 4)

CC2128 Decal £4.45

VAUXHALL ASTRA

Front Airdam, (Photo 1) requires painting to match colour of car

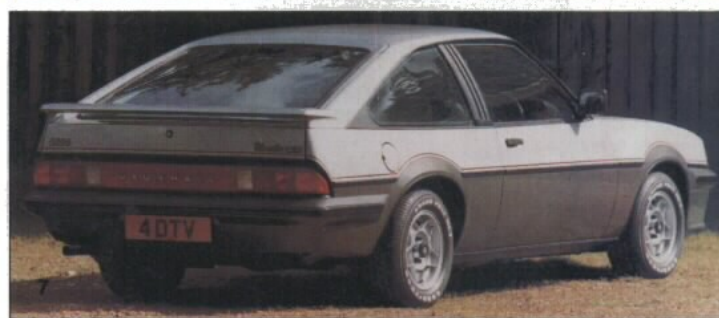
CC2129 Airdam £89.50

3 piece rear spoiler (photo 2) in black flexy rubber

CC2130 Rear Spoiler £69.50

Astra motif in black dot pattern design (not illustrated) fits between wheel arches, supplied in pairs

CC2131 Astra Motif £15.95



VAUXHALL CHEVETTE

All parts listed are for 1256cc Chevette. (2300 HS are explained in the Sportpart File.)

Front Airdam (photo 5) requires painting to match colour of car

CC2132 Front Airdam £89.50

Rear Spoiler (photo 5) in black flexy rubber

CC2133 Rear Spoiler £39.50

Alloy road wheel, 6JX13, supplied with nuts and "Vauxhall" centre cap.

CC2134 Price per wheel £52.50

Four branch extractor exhaust manifold

CC2135 Manifold £69.50

Sports exhaust system

CC2136 Exhaust £99.50

Lumenition electronic ignition kit

CC2137 Ignition Kit £47.50

Upated front road springs, per pair

CC2138 Road Springs £31.50

"Chevette" motif in strobe design (photo 3), per pair

CC2139 Chevette Motif £11.95

Tricolour striping kit (photo 3) hatchbacks only
Comprising: 6 pieces, 3 nearside & 3 offside

CC2140 Striping Kit £25.95

VAUXHALL CAVALIER

(All parts relate to Cavaliers produced from 1976 to September 1981)

Front Airdam (photo 6) requires painting to match colour of car.

CC2141 Front Airdam £119.50

Rear Aerofoil (Photo 7), Sportstatch only, requires painting to match car.

CC2142 Rear Aerofoil £119.50

Flexi boot Spoiler (not illustrated), saloon only.

CC2143 Rear Spoiler £54.50

Alloy road wheel, 6J x 13, supplied with nuts and "Vauxhall" centre caps

CC2144 Price per Wheel £52.50

Four branch extractor exhaust manifold, 1900 & 2000 only.

CC2145 Manifold £88.50

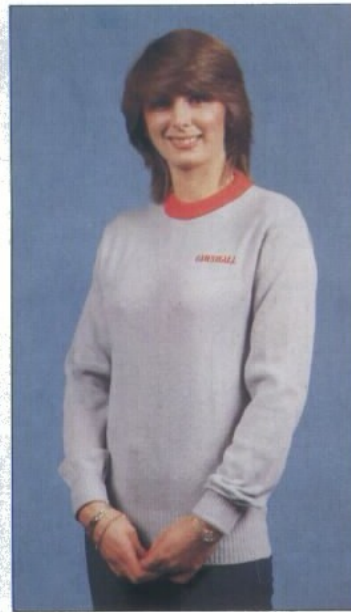
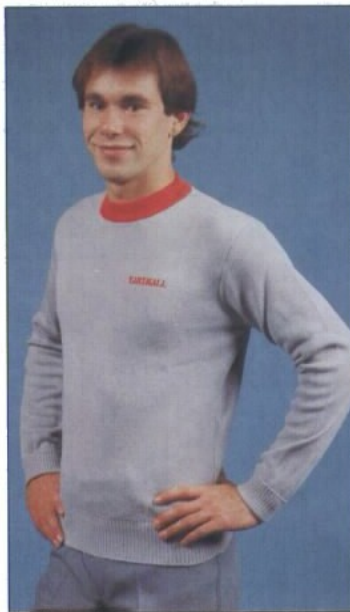
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31 Alma Street, Luton,
Bedfordshire, LU1 2PL.

Photographs of Astra - Courtesy of Hot Car



■ ASTRA 'T' SHIRTS

High quality T-Shirt available in sizes, Small (34"), Medium (36"), Large (38")

CC2146 T-Shirt £2.95

■ JUMPER

Grey crew neck jumper in easy to wash material with woven "Vauxhall" emblem. Available in Small (36") Medium (38") Large (40") Ex Large (42")

CC2147 Jumper £9.95

■ UMBRELLA

Robust 30" umbrella in 2oz nylon.

CC2148 Umbrella £12.95

■ LUXURY RALLY JACKET

Made in showerproof anti-gliss material, with the Vauxhall "Griffin" motif woven throughout the red nylon lining. Superlight yet Superwarm. Other features include storm cuffs, "Paddock pass" holder (concealed is one of the 3 zippered outside pockets) and the red Vauxhall motif which is woven into the body. Available in Small, Medium or Large.

CC2149 Rally Jacket £29.50

■ ASTRA SILK SCARF

For the ladies a superb all-silk scarf with discreet "Astra" motif, supplied in a presentation box.

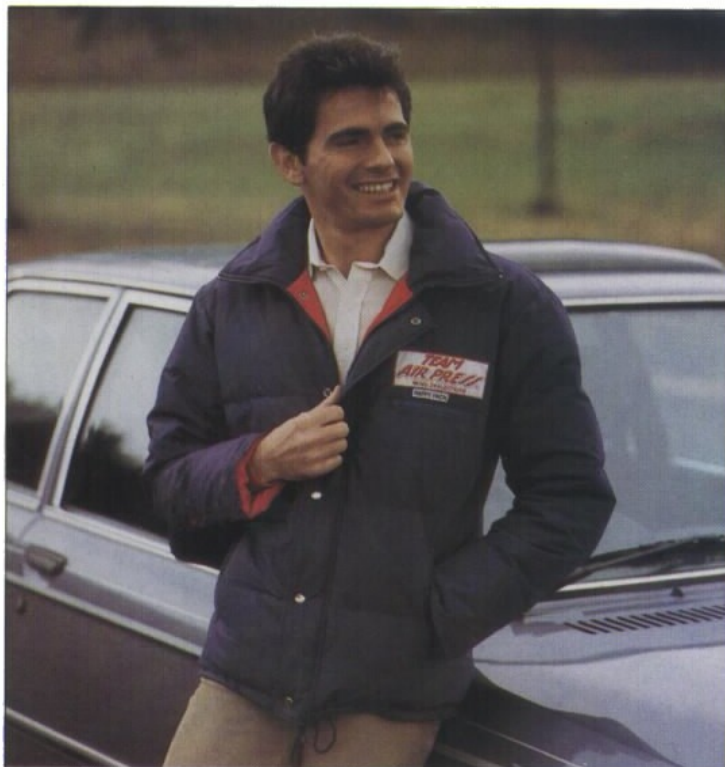
CC2150 Silk Scarf £8.95

■ SKI HAT

A fun to wear grey knitted hat with woven "Vauxhall" emblem.

CC2151 Ski Hat £2.95





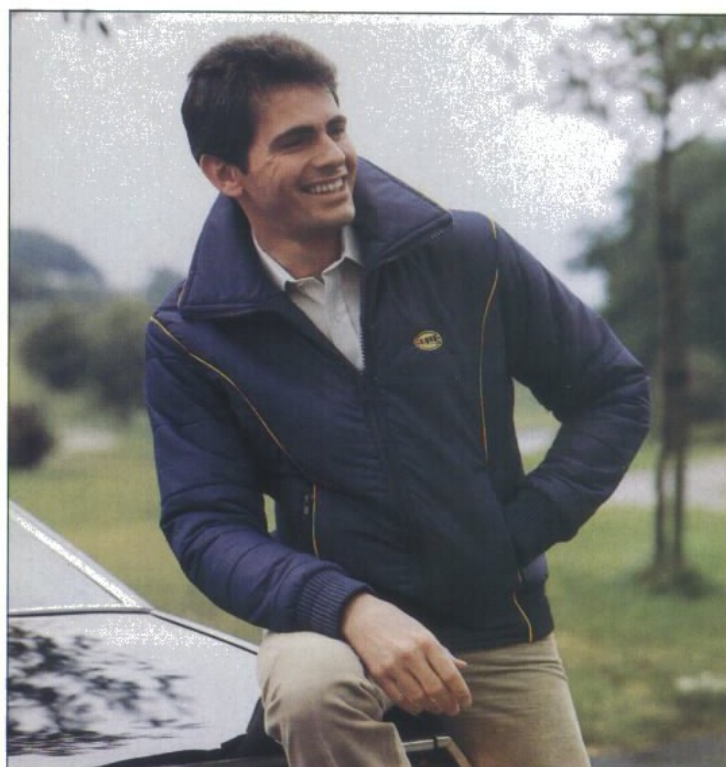
AIR PRESS RALLY JACKET

This fashionable anorak/ski/rally jacket is filled with 100% goose down to keep you comfortable and warm in the coldest weather. The outer material is strong poly/cotton with three zip pockets and the lining is nylon. Storm cuffs, zip-and-stud fastenings, deep collar and

drawstring will cocoon you snugly from the iciest wind. Machine Washable. Colour: Dark Blue Sizes: S,M,L. (badge easily removed if required).

CC2329

£75.00

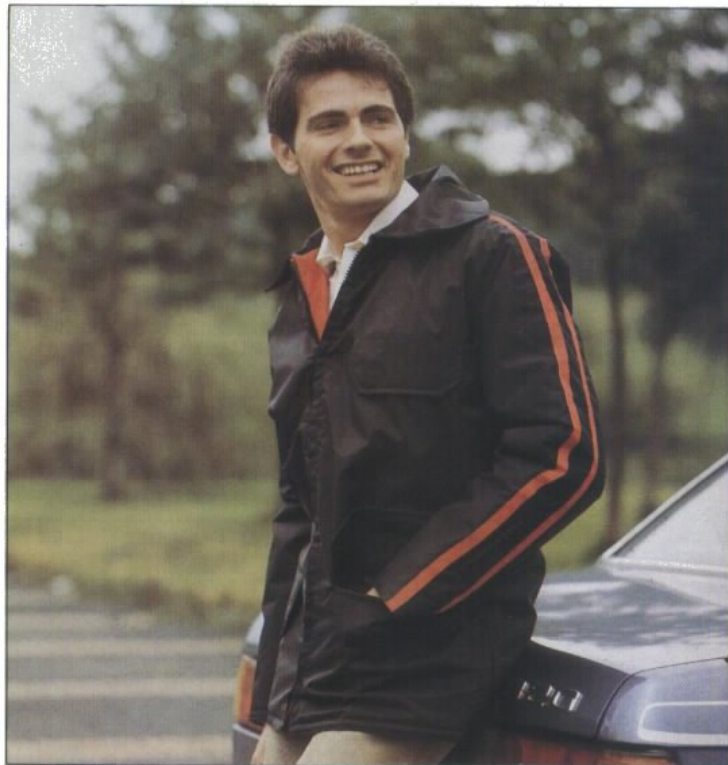


HELLA RALLY JACKET

A distinctive jacket in Hella colours of blue with yellow piping. High quality and available in sizes from 34" to 46"

CC2330

£24.95



ALL WEATHER RALLY JACKET

A full length black rally jacket made from 4oz polyurethane coated nylon which renders the fabric waterproof. It has three velcro-sealed outside pockets with a further zippered pocket inside. The sleeves have storm cuffs which together with a stout two way zip and extra warm quilted lining, makes the garment snug in even the harshest conditions.

Designed to be worn over a sports jacket or thick pullover, the coat is generously sized.

Small (38"), Medium (40"), Large (42"), Extra Large (44").

CC2331 Rally Jacket

£22.95



BILSTEIN RALLY JACKET

A distinctive jacket in Bilstein's colours of two-tone blue and yellow. Features include zippered sleeves and concealed hood. There are numerous pockets; one inside and three concealed with zips on the outside.

Small, Medium, Large, Extra Large

CC2332

£24.95

A hand-drawn grid of small squares, likely for graphing or drawing. The grid is composed of approximately 10 columns and 5 rows of squares, with lines drawn in blue ink.

PLEASE USE BLOCK LETTERS

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PLEASE USE BLOCK LETTERS

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- A. Select the items you require.
 B. Where relevant, complete car and accessory information required.
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31 Alma Street,
Luton,
Bedfordshire LU1 2PL.

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- Order by post as above.
- Order by telephone to **Luton (0582) 429092/3** simply by quoting your credit card number. The address given must coincide with the credit card to avoid any delay.
- Delivery: Please allow 28 days. We will notify delays by post and cannot guarantee simultaneous arrival if your order involves more than one parcel. Delivery area excludes Channel Islands and Eire.

For Office use only

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If ordering by credit card, please ensure that the address given is the same as that used on the credit card.

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Initials _____

Surname _____

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Town _____

County _____

Postcode _____

Telephone no: _____

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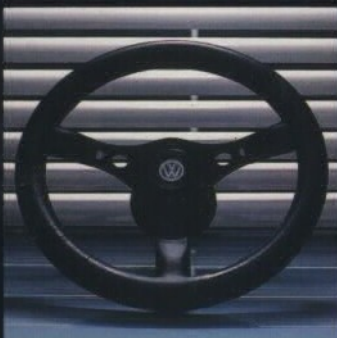
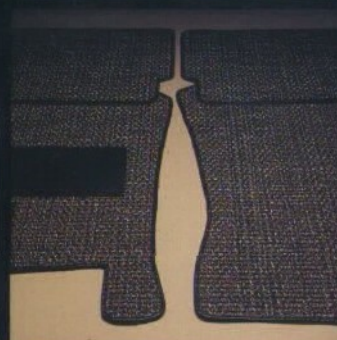
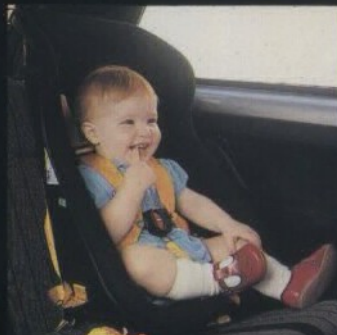
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